QCWA NEWS

FALL 1981

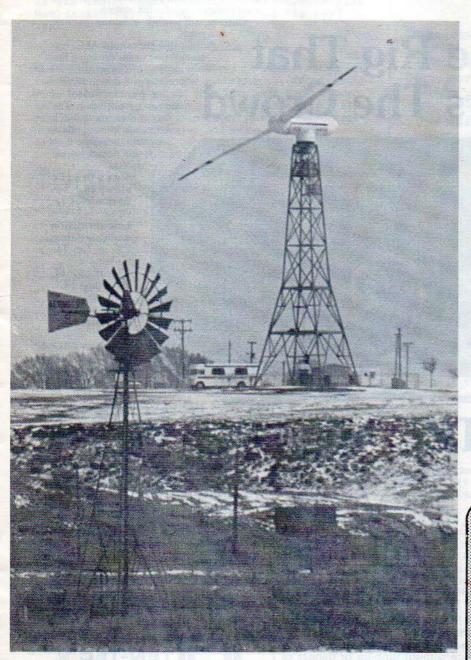
VOLUME 30

NUMBER 3

QCWA, INC. 1409 COOPER DR. IRVING, TX 75061



FORWARDING & RETURN POSTAGE GUARANTEED



DOE/NASA 200kW EXPERIMENTAL WIND TURBINE Clayton, New Mexico

ABOUT THE CLAYTON WIND TURBINE

The 200 kW wind turbine consists of a propeller-type rotor, transmission train, alternator, tower and control subsystem. The horizpntal axis rotor has two blades and is 125 feet in diamter. The rotor turns at 40 RPM and drives an 1800 RPM alternator through a transmission train which consists of shafts, a gear box and V-belts. The wind turbine assembly is mounted atop a tower 100 feet above ground. The entire wind turbine and its tower together weigh 89,000 pounds.

The wind turbine produces 200 kW of power at wind speeds between 18 and 34 MPH (measured 30' A.G. At these wind speeds, it can provide 5 to 15 percent of the local electricity demand or about enough power for 35 average homes.

See Page 95, for full details!

QCWA INTERNATIONAL ON THE AIR MEETINGS

AYS 2000 UTC 14346 kHz W2SF W6FQ

Wednesdays 8:00PM ET Wednesdays 9:00PM ET 3750 kHz

W2JBL W9CV



OMNI-C has what it takes to filter the crowds. To narrow the Amateur Radio world right down to the particular signal you want. The selectivity, sensitivity, dunamic range and operational features you need to cut any crowd down to size. Tailored i-f response. OMNI is equipped with the potential for seven response curves to handle any listening situation.

Standard filters include an excellent 8pole 2.4 kHz crystal ladder filter and, in addition, a 150 Hz active audio cw filter with three ranges (450, 300, 150 Hz).

Optional filters include 1.8 kHz 8-pole

crystal ladder ssb filter, 500 Hz 8-pole cw filter, and 250 Hz 6-pole cw filter.

Front panel switches put any optional filter in series with the standard filter for up to 16 poles of filtering for near ultimate skirt selectivity.

Four i-f response curves for ssb and three for cw. That's response tailoring,

that's crowd control Optimized sensitivity and dynamic range. The OMNI sensitivity range of $0.3 \mu V$ typical (slightly less on 160 & 80M) combines with a 90 dB dynamic range to provide an ideal balance that will handle any situation

from copying a weak signal half round the world to keeping the nextdoor kilowatt from muscling in. And a PIN diode switched 18 dB attenuator is included for extra insurance against

overload. More crowdhandling features-and all standard equipment.

Built-in notch filter. To drop out unwanted signals or carriers. Tunable from 200 Hz to 3.5 kHz, with a 50 dB notch depth.

3-mode, 2-range offset tuning. To put

you where the others aren't and where the elusive DX is. Move just the OMNI receiver, or just the transmitter section, or the entire transceiver. ±500 Hz or ±4 kHz. For complete freedom of frequency movement to get away from the crowds.

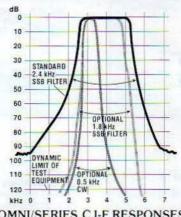
Built-in noise blanker for those times when your noise-generating neighbor is crowding your receiver. Filtered to han-

dle the big signals easily.

2-speed break-in. When QRM or QRN is heavy, switch to "Slow." Use "Fast" for instant, full break-in for enjoyable rag-chews or stalking DX.

OMNI-C features stand out in any crowd.

All solid-state-from the pioneer, Ten-Tec



OMNI/SERIES C I-F RESPONSES WITH STANDARD AND OPTIONAL FILTERS.

"Hang" AGC for smoother action. WWV reception on the 10 MHz band. Digital readout in two colors, red for

the 5 significant places, green for the 6th digit (100 Hz). Instant recognition.

Separate receiving antenna capability. Switch receiver to a common antenna for transceive or separate receive-only antenna; the system also acts as receiving antenna by-pass with an instant break-in linear amplifier or transverter.

"S"/SWR meter, electronically switched. 200 watts input, all bands, with 50ohm load. 5 year pro-rata warranty.

100% duty cycle on all bands up to 20 minutes. Full RTTY and SSTV power. Built-in VOX and PTT with front panel

controls Built-in phone patch jacks for easy in-

terface.

Built-in zero-beat switch for spotting the exact frequency of a DX station.

Built-in adjustable sidetone volume

Adjustable threshold ALC, optimum power for driving a linear. Provides means of working into a high SWR.

Front panel control of linear or antenna. The rear panel bandswitch terminals control relays or circuits in step with front panel bandswitch.

> Automatic sideband selection plus reverse.

> Low distortion audio, less than 2%; a Ten-Tec trademark.

Clean signal, exceeding FCC requirements.

High stability over wide temperature and voltage excursions

Built-in speaker, compression-loaded; in bottom of cabinet.

Plug-in circuit boards for fast easy service. 12-14V dc power for

easy mobile use.

Full complement of accessories: Model 280 Dual Primary AC Power Supply, \$169; Model 255 Deluxe Power Supply/Speaker Combo, \$199; Model 243 Remote VFO, \$189; Model 215 PC Microphone, \$34,50; Model 214/234 Microphone/Speech processor, \$39/\$139; Model 645 Dual Paddle Keyer, \$85; Model 670 Single Paddle Keyer, \$39; Model 227 Antenna Tuner, \$79; Filters \$55 ea.

Made in the U.S.A.

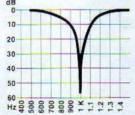
Model 546 OMNI-C transceiver \$1289

Get out of the crowds with OMNI-C. See your TEN-TEC dealer or write for details.

and pitch. The Rig That Filters The Crowd



TEN-TEC OMN



NOTCH FILTER PERFORMANCE ADJUSTED TO 1 kHz POINT.

All 9 hf bands—only crystals are needed for 18 and 24.5 MHz bands.

Broadband design for instant band change without tune-up or danger of damage to the final amplifier. Another Ten-Tec original.

QCWA NEWS

JOURNAL OF THE QUARTER CENTURY WIRELESS ASSOCIATION

Volume 30, No. 3

Fall, 1981

CENTURY WIRELESS ASSOCIATION OFFICERS 1979-81

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K4LMB

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Leland Smith, W5KL

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QCWA STAFF

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Rollie Terrill	W5RC	Assistant General Manager
Wesley Randles	W4COW	Activities Manager
J. R. Neelands	W6DLL	Books and Publications
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Cindy Jones	W5ZPD	YL's Viewpoints
Patrick Kelly	W4AGJ	Art Editor
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QCWA NEWS. Published by QUARTER CENTURY WIRELESS ASSOCIATION, Inc., 1409 Cooper Drive, Irving, TX. 75061, under authority of the Board of Directors.

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Permission to reprint is granted. Credit QCWA & authors, where identified.

PRESIDENT'S LETTER

QCWA 1981 elections are past...and members have named their choice of those who will lead us into the future....a future that appears bright! There is so much we can do for Amateur Radio and for our fellowmen that I know the next two years in QCWA will be just great.

Looking back over the 4 years of the present Administration, I see much to be proud of. saw us working to establish a Scholarship Fund ... each year since then has witnessed QCWA's helping a young man or woman finance a part of their education and a permanent escrow has been established so that this work can continue into the future. QCWA elections are no longer controlled affairs.. Nominating Committees are given free hand to work for the members, selecting candidates willing to serve and qualified for the job. And, QCWA is a growing organization...in the past four years we have added more than 2000 members to our Roster ... and, as I see it, the sky's the limit!

Our newly elected Officers will be taking over the reins of QCWA soon. Give them the advantage of your help and advice, just as each of you have given it to those who have worked so hard in the past...every single Officer who has served has made an important contribution to QCWA...to them, a resounding, THANKS!

If I were to leave one message -- it would be In the future, as in the past, let us remember our reason for existance - FELLOWSHIP AMONG AMA-TEUR RADIOMEN! Harry 5 Hartons

QCWA HONOR AWARDS

QCWA MEMBER OF THE YEAR

1979

Mr. Ed Trombley, W8CAM Mr. M. W. McRae, W9RC

1980 Mr. Lew Sieck, K4NE

QCWA HALL OF FAME

1979 Mr. Ray Meyers, W6MLZ

1980 Mr. Bill Halligan, W4AK

QCWA ROLL OF HONOR

Mr. John DiBlasi, Mr. Gus Gironda, W2JE

PAST PRESIDENTS

John DiBlasi, W2FX, President Emeritus	1947-1964
Earl R. Thomas, * W2MM	1964-1968
Clarence Seid, W2KW	1968-1971
Barry Goldwater, K7UGA	1971-1973
Frank A. Gunther, W2ALS	1973-1977

EXECUTIVE SECRETARY/GENERAL MANGERS

Ralph G. Barber, * W2ZM	Emeritus	1955-1964
Gus Gironda, W2JE		1964-1973
Ethel Smith, K4LMB		1973-1976

HONORARY MEMBERS

George E. Sterling Richard E. Wiley Rosel H. Hyde Col. W. J. Baird Robert E. Lee

Peaks Island, Maine Arlington, Virginia Washington, D.C. Alexandria, Virginia Washington, D.C.

EDITORS CORNER

QCWA election tellers, the Colorado Chapter, #58 has completed counting ballots cast in the recent 1981 election. The Official Results of the talley is as follows:

For Office of President

	Stuart Meyer, W2GHK Hal Sears, W5NC	2217* 1877
For C	office of Vice President	
	Leland Smith, W5KL Art Miligan, W8KW	2329* 1746
For O	Office of Secretary	
	Hugh Turnbull, W3ABC Wes Randles, W4COW	2017* 1996
For O	office of Treasurer	
	Art Monsees, W4BK Ed Serur, W5CNO	2926* 1074
For O	offices of Director	
	Ethel Smith, K4LMB Leo Meyerson, WØGFQ Victor Clark, W4KFC Ronald Hesler, VE1SH Larry Harvey, N6LY	3447* 2838* 2518* 2439* 2071*
	Gerhard Jacoby, DL3ME Walter Phillips, W9AVP George Apfel, W2GHV Milton Schwartz, W2SF Sam Moses, W1ASD	1569 1509 1275 1194 1157

Constitutional Amendment proposed passed by a vote 3613 For: 309 Against

*Elected to Office.

QCWA is indebted to Colorado Chapter for it's work which was made even more difficult because of the very close race for Office of Secretary. It was necessary to do a complete recount of the ballots to make certain that errors were reduced to a min-

To Sol Abramowitz; WØWSK, Ken McMahan, WØTRO; Lu Bissey, WØPDV; Lou Harrington, WØLM, QCWA sends a heartfelt "Thank You, for a job well done."

STATISTICS ON BALLOTING, 1981 ELECTIONS

The Tellers Committee reported that ballots were received and handled, as follows:

Total Ballots counted	4,103
Ballots arrived to late	15
Illegal ballots, ie., not on official ballots	45
Total ballots received	4,163

Wes Randles, W4COW, QCWA Activities Manager, and the one who makes the beautiful call-sign desk sets, given to those who contribute to the QCWA Silent Key Memorial Fund, has been called to the State of Florida. He is a bit behind on making the call-sign sets, but wants everyone to know that they will receive their desk signs just as quickly as he can finish them up. Be patient! Wes is quite a guy -- works real hard for QCWA and for the Memorial Fund. Thanks a million! Victoria, BC, is further from the East Coast of Canada than that East Coast is from London.

In 1958, while working at Boston WHDH-TV, CH. 5, I had the pleasure of drinking dark beer at a place downtown which I believe was called, "Jake Wirth's"....it was a delightful experience. Does anyone know if it is still in existance?

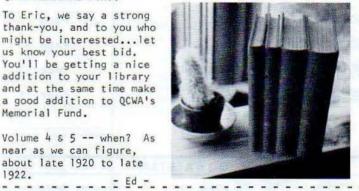
-W5EJ-We have been pleased to note that a number of QCWA Chapters have written the FCC, filing comments in Docket 80-729, regarding re-writing of Amateur Rules into plain laguage. Some of the comments were excellently written, with cogent arguments expressing the writers feelings on this matter... All copies of such documents are filed here at HO and were uniformly against adoption of the proposed revision of Amateur Rules into "Plain Lang-

IT IS NOT OFTEN WE HAVE THE CHANCE TO WRITE SUCH A NICE STORY. FRED ELSER, KH6CZ, HAS EARNED THE DEGREE, Ph.D-, AT AGE 75, FROM THE UNIVERSITY OF HAWAII. WORKING ALL OUT, FRED COMPLETED HIS RE-QUIRED WORK AND DISSERTATION THIS SPRING. FRED, WHO HAS BEEN LICENSED 62 YEARS, HAS BEEN ACTIVE IN ALL PHASES OF AMATEUR RADIO.

ERIC SHALKHAUSER, W9CI, QCWA Life Member #88 73, who has a complete set of QST from Volume 1, No. 1, to date, mas made a contribution to QCWA, of volumes 4 and 5... The volumes, from his personal collection, are bound. They were bound with advertising removed. The volumes are in beautiful cdx and if you are interested in the content of QST, will make a beautiful addition to your library. QCWA is taking bids for these volumes, pictured below. If you would like them, send bids to HQ or to K4LMB. Highest bidder will receive the books, and the funds received will be deposited to our QCWA MEMORIAL FUND.

To Eric, we say a strong thank-you, and to you who might be interested...let us know your best bid. You'll be getting a nice addition to your library and at the same time make a good addition to QCWA's Memorial Fund.

Volume 4 & 5 -- when? As near as we can figure, about late 1920 to late



HO WOULD LIKE TO REQUEST ALL CHAPTERS AND ALL MEMBERS OF QCWA TO MAKE A SPECIAL EFFORT TO UPDATE NAMES, CALLS, ADDRESSES AND SO ON. 1982 IS THE YEAR FOR QCWA TO PUBLISH ITS TRI-ANNUAL ROSTER OF MEMBERS. WE WILL EXPECT TO PULL OFF THE FINAL IN-FORMATION ABOUT FEBRUARY 10 to 15, 1982, AND TO BEGIN THE MAKE-UP OF THE ROSTER AT THAT TIME. IT IS DESIRABLE TO HAVE ALL CORRECTIONS MADE IF POSSIBLE. YOUR HELP IS SOLICITED.

QCWA'S LATEST CHAPTER - PINE TREE CHAPTER, IN MAINE, # 134, will meet at Waterville, September 23, 1981. The meeting, the first for the Chapter, will feature some Awards, and a visit from Leo Meyerson, WØGFQ, QCWA National Director, who will make the trip specifically to attend!

Leo met Glenn Baxter, at Cedar Rapids a couple years ago ... they had breakfast together, and when Glen racked up his 25 years in Amateur Radio, he called Leo about getting a Chapter started in Maine ... well, Leo opened his mouth, promising to come, provided they could get the job done. Glenn and his crew now have 42 members, with more coming, and Leo will be on a plane to Waterville in a short time. Congrats to Glenn and the Maine boys....wish we could be there too! In speaking to Glenn on September 7, he mentioned that the wx was getting cool up there, thinking about winter!

YANKEE CHAPTER #112

On June 20, 1981, Yankee Chapter held a luncheon meeting at Pier 2, Restaurant, in Portsmouth, NH. NIJS, Joe Santangelo was the speaker. His subject - UFO's - His talk created so much interest that several members signed up to attend a symposium on UFO's at M.I.T., in July.

While at Portsmouth, an Argentinian tall ship lay across the river at the Navy Yard, and was scheduled to be turned around that afternoon, so we all thought we had a good show in store. A crowd assembled on the bridge, near the restaurant, the tugs went down the river and at that moment a fog bank came in from the sea and we could not even see the bridge, right outside the window!

On August 22, Yankee Chapter is scheduled to have a luncheon meeting in Westminster, MA, at the Old Mill. The program will be on alternate energy sources.

Dan, WICTR, is taking over as editor of the Yankee Chapter Newsletter after the September Issue, from June, WIVXC, who has done an excellent job...we will miss her work!

In the picture below, Sam, WIASD, President of the Chapter presents Onie, WIZEN, with a Revere Bowl for her work for Yankee Chapter.



QRP AMATEUR RADIO CLUB INTERNATIONAL

QRP Amateur Radio Club International, which is observing it's twentieth birthday this year, is trying to learn the whereabouts of the recipients of early membership numbers, particularly the first thousand.

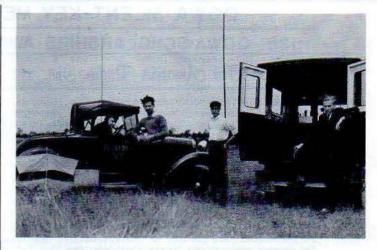
Thom Davis, K8IF, the club president, said the organization would like to hear from as many veteran QRPers as possible. Please list name, call, QRP ARCI number, current address & whether still actively working low power. A special roster will be run in the fall edition of the QRP Quarterly, listing all who respond before Labor Day, 1981.

Replies should be sent to Pete Spotts, NIABS (Editor), 140 Warren Street, Needham, MA 02192, General information on QRP ARCI is available from the secretary-treasurer, Edwin R. Lappi, WD4L00, 203 Lynn Drive, Carrboro, NC 27510. QRP Quarterly subscription renewals are five dollars per year, and can be sent to the editor, NIABS.

The group will make this birthday year with a special CW QSO party in October, with dates to be announced in major ham radio publications. All are invited to participate.

Bernard Wambsganss, W6WOY, sent the photo at the top-right of this page...taken about 1933, at Seneca Vocational High School, Buffalo, NY. All in the pix were licensed hams, & working with Buffalo Police Department experimenting on the 5-meter band for possible mobile communication for WMJ, the Police Radio Station. Used UX-245's...We also went out on a Police Launch on Erie, the Niagara River and the Erie Canal where we learned about the shadow effect. was a futile attempt to get an antenna up higher.

In those days Buffalo was in the 8th district. My call was W8IPS...I would appreciate help from anyone who might identify the hams for me --. Write to:



ON THE AIR OCWA SCHEDULES REPORTED

Chapter-Locat	ion	Day	Time	NCS	FREQ.
2 Chicago, W	9RC	WED	2000Z	W9DZG	7073
		THU	0000Z	W9DZG	3590
4 NW Chapter		SUN	0830L		3655
		SUN	1200		3950
6 Pittsburgh	1	SUN	1130L	W8CWY	63/03
		SUN	1215L	W8CWY	3910
7 SOCAL		SUN	0800L	W6 INH	3917
		SUN	0900	W6FQ	3917
21 Tel S Many		SUN	1100	K6BA	3695
9 Dayton/Cin	cy	SUN	1300L	La Company of the Com	3986
10 Michigan		SUN	0800L	W8CAM	3903
11 NOCAL		SUN	0930L	W6BYS	25/85
12 SE FLA		WED	0900		
14 San Diego	in a	WED	2000	10000	28.6
15 Tulsa		SUN	0700L	W5FU	3830
sous devices		SUN	0930L	W5FU	7197
16 Arizona		SUN	0800L		3892
27 Houston	200	THU	2000	W5BGC	3876
28 Central N	ΙY	SUN	1030		3917
32 Gator		SAT	0930		3920
41 Dallas		SUN	0730	W5CJZ	3835
45 Citrus		SAT	0930	W4PI	7290
(Star)		THU	1900	G3DKS	99/39
49 Atlanta		SAT	1300Z	K4VN	3832
54 Tyler		SUN	0800L	W5CNO	3835
55 Wisconsin		SUN	0830L		3985
58 Colorado		SUN	0900L	WØZJ	7290
60 Eastern T		SUN	1700		3875
61 Detroit M	letro	SUN	2222		3663
62 Suwannee		SAT	0900	*****	3940
73 Central O		SUN	0830	W5AA	3850
65 Niagara F		SUN	1330L		3900
73 Southern	ONT	SUN	0900		3773
75 0 0-1 0		SUN	1300		7090
75 Cen Cal C 77 NNJ	oast	SAT	0830	EJOO TEI	3917
		SUN	1300	W2OJW	3917
81 LIQCWA 84 Florala		SUN	1130	W2SF	3917
	10.	MON	1930	W5RHE	28/88
		SAT	0800		3940
		SUN	0700		3985
		SAT	1700 1800	W5MYZ	3927 3907
		SUN			
104 Treasure 107 Central	The state of the s	SAT	1000	W7010	7240
	ESTRUCIO DE	SAT	1000	W5MD	7240 7238
	uge	and the second second		WSMD	3903
112 Yankee 114 North Te	vac.	SUN	0930	WECDO	- 100 mg (
		SAT	0830	W5GPO	3943
116 Central 118 Coastal		Dly	0900		01/61
	caro.	MON	2015		28/88
120 QCWW 122 Lake Eri	0 m_c	TUE	1400		14295
	e 1-5	SUN	0930		3915
129 Waco FL-CW		CITAL	1220 5	ADDT MADE	13/73
		SUN		MAPEI/WAPI	
FL-SSB		WED		MAPI/WAPEI	

QCWA SILENT-KEY MEMORIAL FUND ACTIVITIES

1981 QCWA SCHOLARSHIPS AWARDED

Foundation For Amateur Radio. Inc.

Washington, D. C.

ADDRESS REPLY TO

6903 Rhode Island Avenue College Park, Maryland 20740 August 13, 1981

Ms. Ethel Smith, K4LMB Secretary QCWA 2012 Rockingham Street McLean, Virginia 22101

Dear Ethel :

At the August 12th meeting of the Foundation, the trustees accepted the recommendations of the scholarship committee for eight awards. The two QCWA Silent Key Memorial Scholarship winners were Stephen Ketler, WA1WFA - West Bridgewater, Massachusetts and Gary Myers, WA2CUN - Skaneateles, New York. Copies of the letters formally notifying them of their selection are attached.

Stephen was sponsored by Normal Young, WiHX (#1446). He has been accepted at Syracuse University where he plans to study for a degree in Communications. During 14 of his 16 high school quarters he made the Honor Roll and was graduated in the upper 10% of his class.

Gary was sponsored by his grandfather. Clarence Young, W2RFY (#6324) and has been accepted at the Rochester Institute of Technology where he plans to study Electrical Engineering. His application indicates that he is a very worthy candidate.

This year the Foundation administered eight scholarships. There were 80 applicants from 29 states. Once again about 40% of the candidates were sponsored by a QCWA member. Although the criteria for the awards specified that preference be given to someone seeking a graduate degree, there were no applications received from qualified candidates.

The Foundation is pleased to cooperate with QCWA in assisting such deserving radio amateurs of whom we can all be justly proud.

Hugh A. Turnbull, W3ABC Chairman, Scholarship Committee

MEMORIAL FUND GIFTS RECEIVED

MAY 19 - JULY 31, 1981

5-19-81	W5PW* Razorback Chapter	\$300.00 k 100.00	07-06-81	K4NB 2.00 W9CWG 10.00 W4LO 25.00	
6-09-81 6-17-81 6-26-81 7-06-81 7-07-81 7-08-81	W5SU VE3CD W4COW W6YYV KA6HOQ Interest W5ARV W3ABC W7KXH W5WUF W8EVH WØAGD WØWM W9MAL W7HAZ W7BOO W6AKZ	10.00 12.00 10.00 10.00 100.00 312.50 10.00 6.00 15.00 10.00 10.00 10.00 10.00 10.00	Grand Tota	W6BWX 10.00 W1GUP 15.00 W1AKX 25.00 E. Tenn Chp15.00 W9NZF 35.00 K4YL 50.00 W2DCO 25.00 W7ULC 10.00 W6UUC 25.00 Palmetto 100.00 WA2FLT 25.00 Chicago 80.00 K4UY 25.00 Dallas Chp 41.00 Total 1540.50 s8421.99**	
	NAMES OF THE PARTY.	7-925-2017-000	THE RESERVE TO SERVE THE PARTY OF THE PARTY		

*Gift by Katherine Upchurch in Memory of Gladman, W5PW #Gift by Dallas Chapter in Memory of Leo Harris, W5CZK

**Total as of July 31, 1981

WE'RE TRYING TO PUSH THE FEVER GAUGE THRU THE TOP IN 1981. WON'T BE EASY....UNLESS ALL HANDS PITCH IN....USE THE FORM ON PAGE 85 AND DO WHAT YOU CAN TO SHOVE THE MERCURY THROUGH THE TOP!

HAVE THIS AMOUNT WILL, FOR THE TIME, PROVIDE THE MEANS OF \$3000 COULD BE AWARDED ANNUALLY, WITH THE SUCH A FORCE FOR DOING GOOD. WE CAN DO IT...
I LIFE AND AT THE SAME TIME PROVIDE INCENTIVE IT IS TOUGH MAKING ENDS MEET...NEVER You EACH, A RESOUND THANK YOU!!! GO OVER THE TOP ARE AGAIN REMINDING YOU FO ENCOURAGING. YOU WILL ENRICH YOUR OWN LIFE AND AT 01 CONSISTANT HELP SUMMER NEWSLETTER. QCWA TO MAKE SUBSTANTIAL GIFTS FROM THE INTEREST INCOME...GRANTS IN AID AND/OR SCHOLARSHIPS IN EXCESS HAD A PART IN CREATING SEND MONEY TO THAT ONLY YOU CAN FULFILL. WE'RE STRIVING TO REACH OUR GOAL OF \$25,000 FOR THE FUND BASIC ACCOUNT. ASSISTANCE TO OUR YOUNG PEOPLE... THOSE FOLLOWING IN OUR STEPS, WHO WILL CARRY ON OUR TRADITIONS. ASSISTANCE PROGRAM, AND WILL CONTINUE TO EXIST SINCE THE OF THE MANY REAASONS FOR RELUCTANCE TO RENT INTEREST RATES. WHAT A WONDERFUL FEELING FOR US TO HAVE, KNOWING EACH HAD INTO THE SWING...INTO THE HABIT OF MAKING REGULAR CONTRIBUTIONS TO THE FUND. Y A REPORT ON MONEY CONTRIBUTED AND THOSE WHO GAVE, FOR QCWA MEMBERS TO ASSIST THE QCWA MEMORIAL FUND, A REAL NEED EXISTS FOR OUR SCHOLARSHIP ON THESE PAGES YOU WILL FIND A REPORT ON MONEY TAKEN THE TIME TO HELP AND IT IS APPRECIATED. CURRENT INTEREST RATES. TO OUR PLEA AND GET

NOW IS THE REALLY S 25,000 POSITION TO RIGHT OCWA. BE IN A 20,000 10 HONOR SOON RADIO AND MOULD 15,000 ME QUARTERLY, AMATEUR 10,000 1 MO RECOGNITION OR GROWING, STEADILY, AND WITH YOUR DOLLAR BRING 5.000 A GIVE DOING. EACH TO 80 Z ROLLS...WERE GRANTS, THE

MILL

FEVER GAUGE

SEND A GIFT, NO MATTER HOW SMALL OF \$10 OR OVER, ARE AL . RETURN IT TO QCWA LP. . TO EVEN ASSIST IN SPECIAL PROJECTS BY MEANS APPRECIATION . ALL ARE NEEDED. A NICE CERTIFICATE OF CONTRIBUTIONS OF HOW LARG. ALL ARE WELCOME THE MEMORIAL FUND TIME TO COME ABOARD. ACKNOWLEDGED BY WE'D SURE LIKE T

QCWA'S NEWEST ROSTER SHOWS NEARLY 9,300 MEMBERS ON

OR 핖

RECIPIENT OF QCWA SILENT KEY MEMORIAL SCHOLARSHIP AWARD!

Stephen H. Ketler, WAIWFA, was first licensed with a novice class license when he was 12 years old. Tryterested in 2-meter repeater operation, he soon upgraded to Technician Class, assisted by the instructional classes of the Massasoit Amateur Radio Association, and then to the General Class. He has been active in Public Service communications, Field Day, has done some traffic handling, and was a guest operator at KMICC. special event station for the 75th Anniversary of Marconi's Cape Cod Station.



Steve earned Varsity letters in football, basketball and track in both his junior and senior years in high school, as well as performing in the class plays in those years. Class President, and National Honor Society member, he was a representative to the 1980 Massachusetts Boys' State Convention.

Steve is entering Syracuse University this fall. All of us in QCWA will be cheering for him and know that he will get along fine in his academic career!

Suncoast Chapter was pleased to make presentation of a 60-Year Golden Certificate to Bob Baird, on Nov. 5, 1980. Pictured below, L=R are: Bob, W9NN W4PJF, Secretary of the Chapter & W4OWN, President.





L-R, Roaul Wright, K4EAJ, Presenting a 55-Year Golden Certificate to Bob Embry, W4HHQ East Tennessee Chapter

COASTAL BEND CHAPTER #191

A short note from Henry Binz, W5HQ, Secretary of the Chapter notified us that Officers were elected on July 7, 1981 and that Joe Barr, WSGMT, had been elected to take over the duties of Secretary.

Henry has the Club roster in his computer, and makes out mailing labels, and keeps vital statistics for the Chapter! SAN DIEGO CHAPTER #14

At home on August 16, Dick Shanks, W&BZE, was enjoying a leisurely Sunday afternoon when the phone rang. The caller was Howard Leake, A9XDO, calling from the State of Bahrain, in the Arabian Gulf, inviting Dick to get on 15 meters for a QSO. Howard sent pictures of his home station, his antenna and equipment. He operates the Drake TR-7 with the R-7 and an Alpha linear. A beautiful station. Howard was Dicks quest last winter when he was back in the states for leave and recreation. He works for Westinghouse and has been in Bahrain for several years. His home call is W6AXX!

At the Chapters July meeting we had the pleasure of presenting the Golden Anniversary Award to A. J. "Hoppy" Hopkins, W6SO, which Hoppy says now has a prominent place on the wall of his shack.

Mr. Jeff Frautschy, of the Scripps Institute of Oceanography was our guest speaker. He presented a slide/talk show dealing with the erosion of our California beaches. Slides showing large gulleys which were formed in just a matter of hours during some heavy rains. Others presented the "before and after" views of some lovely homes which slid or fell over banks and cliffs as the result of severe erosion. It was rather depressing, but a fact of life for those living along our coast.

QCWA Headquarters prepared a beautiful plaque for presentation to Dave and Ruth Hannah, W6NBJ, in appreciation for their large contribution to the Silent Key Memorial Scholarship Fund. The plaque arrived just one day too late for presentation at the April meeting, so an appropriate presentation was made to Dave and Ruth at our July meeting.

The Chapter was very pleased to learn that Larry Harvey, N6LY, was elected to membership on the QCWA National Board of Directors. Obviously Larry received strong support from the entire W6 call area and from other districts as well. Larry will make a fine Director. We in San Diego are well aware of his tremendous contributions to Amateur Radio on the local scene. We are just plain proud of Larry...and his Lovely Wife, Fran, too!

The Chapter notes with sorrow, the passing of Lewis D. Chilson, W6TON, who died of a heart attack in July!

- Si, W60SD --_ _

CENTRAL NEW YORK CHAPTER



The Central New York Chapter enjoyed a very nice yearly picnic at summer home of W2UWD, Robert Turrell, at Heart Lake, August 2nd. There were 37 present.

One of the highlights of the day was presentation of two 60-year certificates, one to W2MAB and the

other to W2SDA. The presentation was made by Sam Moses, WIASD, who was with us for the day. Pictured above are the proud recipients of the Awards, L-R are: H. L. Spencer, W2SDA; Sam Moses, W1ASD and Orel D. Orvis, W2MAB.

- Harry, W2SDA -

PALMETTO STATE CHAPTER No. 89

The summer luncheon for members & friends of Palmetto was held on July 18, 1981, at Charleston, "Down on the Battery" with over one half hundred in attendance consuming two WORLD famous Southern dishes: Bar-B-Q pig & Fried Chicken. Chapter President, Linn Sikes, N4LS, acted as Master of Ceremonies, Gay E. Milius, W4UG, honored us with his presence. Gay is Director, Roanoke Division, ARRL, and he briefed us on happenings at ARRL headquarters.

Our First Vice President, "Scotty", presented a request that we take a look at 40 meters for our Saturday afternoon net. This request was made necessary because Scotty and his XYL, "Jerry", K4AWZ, live on the banks of Clarks Hill Lake, and when those electric eels mate in the summertime, QRM levels you would not believe begin to show up on 75 meters. Scotty is shown, at right, pleading his case....to his left, Cecil, W4HDO and, to his right, Linn, N4LS.

Our nomination Committee, with Paul, K4FAF, our second Vice President, acting as Chairman, looked into his crystal ball & came up with the name Coleman Roland, W4TWW, as a nominee for Chapter 2nd Vice President for our 1981-1982 term. The election will be held at the Columbia meeting on October 10, 1981.

Coleman, W4TWW, gave us a briefing on the "Weather Watch" program being conducted in the Low Country. Amateurs using 2meter repeaters are supplying the "Grease that Makes the Wheels Turn". The program is something to brag about and State Officials (CD and such) have done just that.... Bragged about the efforts of the RADIO AMATEUR.

Three more amateurs know a good thing when it presents itself... Charles Grooms, K4EMV, Frank Young, N4CEP and Francis Greenouch, N4LL, requested application blanks to join QCWA at the Luncheon.

The subject of the Silent Key Memorial Fund arose at the meeting. Some joker put it on the agenda, whatever that is, twice, to insure attention. After some talk back and forth the question arose, not shall we, but "How Much?" One of our musically inclined members, being a true fiddler, made suggestion of a "C" note. Since all in attendance were graduates of Kay Kysers Kollege of Musical Knowledge, the "C" note motion was carried. We noted that member from Alabama held up both hands and a foot when the vote was taken.

Who says two heads aren't better than one -- at right, Cecil, W4HDO, Chptr Secretary/Treasurer and Lady Netta attending to the Wells-Fargo Chores at the Charleston Luncheon.

DON'T FORGET...C U N COLUMBIA, OCTOBER 10, 1981...Y'ALL COME, NOW!

Cecil, W4HDO



NORTH TEXAS CHAPTER, #114

In what is probably the shortest Chapter report on record, Joe Ward, W5AAX, sent the picture below with the following caption: Charles Neal, W5NRI, Chapter Secretary, presents 50-Year Golden Award to John Adams, WSBAH, at the Chapter's Spring, 1981, meeting.



SAGEBRUSH BERT SEZ:

The best way to get ahead is to use the one you have!

QCWA HALIFAX CHAPTER #125

Halifax Chapter celebrated its first birthday at its July 11, 1981 meeting, held at Quincy's Reataurant. Officer for the 1981/1982 period were elected, as follows:

> Ken Bucklin, K4LP, Chairman Frank Matrangola, W4MYG, Vice Chairman J. Francke Fox, WB4WTJ, Scty/Treasurer

The treasurers report was read, showing the Chapter to be solvent, but some members have not yet paid the annual dues needed to keep it that way. The Chapter reported success in its assistance to families of recent Silent Key members. A membership drive continues, with several potential applicants having been approached. The Chapter on-the-air meeting remains at a stand-still at this time. An announcement will be made as soon as a time and frequency is chosen.

Informal get-together lunches continue to be held at Quincy Restaurant on Nova Road, north of Volusia Venue. All are invited, with many xyl's attending!

The meeting program was by Dow Boykin, Chief Meteorologist of the Daytona Beach NOAA Weather Station. It was a good meeting, enjoyed by all. Mr. Boykin has extended an invitation for Chapter members to visit the Weather Station.

_ _ WB4WTJ_-

COASTAL CAROLINAS CHAPTER #118

Twenty members and visitors were in attendance at the July dinner meeting held at the Country Club in Goldsboro, NC. Our new President, Bob Johnson, AA4L, officiated, and after the business meeting, turned the affair over to Jesse Hodges W4JG and Bob Knapp, W4OMW, for an old-old timers program ... Jesse showed how amateur radio was operated in 1914 and had some nice displays of equipment used in those years. assisted with the program, showing 1924 licenses he held at that time for 9ADB, both operator and station licenses. He also had a copy of the old 9ADB QSL card. Everyone enjoyed the program including the XYLS present and are looking forward to more programs in the future.

The next meeting of the Chapter will be the second anniversary meeting and will be held at Fayetteville, in October. The time and place will be announced later, and on the 146.28/88 Monday night net.

Two new members have been added to our chapter roster.... Mike Burger, KA4TKS, from Durham and Billy Edwards, K4BWC. of Raleigh. We were pleased to see that one of our honorary members was elected as President of QCWA. Stewart Meyer W2GHK, congratulations.



In the picture above, Officers for the Chapter who presided at the Goldsboro July meeting. L-R, they are: Bob Knapp, W40MW, Vice President; Mary Knapp, W4UTO, Secretary/Treas; Bill Finch, W4EHF, Chairman of the Board of Directors; and, Bob Johnson, AA4L, President, and Carl Pressler, W4LPL, retiring Secretary/Treasurer. - Mary, W4UTO -

BATON ROUGE QCWA CHAPTER #109

The Baton Rouge QCWA Chapter #109, held it Annual picnic, Saturday, May 30, 1981, at Forest Park in the City of Baton Rouge. There were 44 members wives and guests present. The Chapters Officers elections were held prior to eating, and W5MD, El Charlton, was elected President for a third time. Our new Vice President is W5OVV, Al Heine, of Rosedale, LA. J. Warren Aubin, K5DVQ, was elected Secretary/Treasurer. Also re-elected were our two Board Members, M. W. Kirkpatrick, W5KYC and Paul T. Parker, W5LKQ. Chapter Historian, W5GGG, John Dupaqueir, was reelected to round out the Staff ... Our deep thanks go to W5DPM, our past Vice President, and to W5DUS, our past Secretary/Treasurer, for doing fine jobs.

Following the elections, everyone had a chance to dive into the Chicken and Sausage Jambalaya, cold slaw and fresh rolls served by Brown Brothers of Gonzales, LA. The Three Brown Brothers won honors in Louisiana State cookoffs for Jambalaya. Needless to say, there were many second trips to the big black iron pot.

After the feast, pictures were taken by Chapter "Official Photographer" Wes, W5VBX. All in all it was a very enjoyable get together and the weatherman cooperated very nicely. _ _ _ E1, W5MD_-_ _

CENTRAL VIRGINIA CHAPTER No. 116

The June 13th meeting of the Central Virginia Chapter, No. 116, was attended by the following members:

Ed Martin, W40BB; George M. Gull, Jr., W4VAN; Ev Vatcher, K4CQ; "Tilly" Tillotson, W4OKN; Ben Booth, AG4I; Bill Lawrie, WA4JJE; Bob Martin, K4LKQ and George Rulffs, Jr., AA4GR.

All members in good standing have been issued a Chapter membership card and I am happy to report that all but four members have paid dues for the coming year.

Since the June meeting, our President, John Bush, W4FOD, has been the fortunate winner of the first door prize at the Berryville, VA hamfest, held August 2nd. Our congratulations to John for bringing home the bacon! The prize was a Ten-Tec Delta and power supply!

We're hoping to see a big turnout for our September and December meetings. The Secretary will mail advance notes to warn of the meetings. - George, AA4GR -

AKRON, OHIO CHAPTER No. 39

The Akron, Ohio Chapter Summer Quarterly Dinner meeting was held Thursday, July 23, 1981, at Anthe's on Manchester Road in Akron. 46 members, XYL'x and guests were present. Hal Tune, W&LZE, V. P., acted on behalf of Scty/Treasurer, K8EMI, who was out of town. Thanks to Hal, and to Perry Towne and XYL Esther, who handled the reservations desk

Chet Rataski, K8GRO, Chapter President, announced that our Chapter has grown by three new members: Dick Baecher, W8HPE; Dick Kelley, KA4TEB; and Ray Graber, K8CHI. A round of applause for all. Members were reminded to send in their ballots for the 1981/82 QCWA National Officers before the deadline. Members were asked to send letters or QSL cards with comments to their Senators and Congressmen, supporting Barry Goldwater, K7UGA, Senate Bill S.929, and Congressman Wm. E. Davemeyer, House Bill, H.R. 2203.

Entertainment for the evening was presented by Phil Setler, W8ZK, who was sailing the high seas as a commercial telegraph operator "sparks" during WW-II. Phil's ship was bombed several times and Phil was dumped into the sea twice during his tour as Sparks. A very interesting program and brought back many memories. Many thanks to Phil.

Thanks are also in order to Past Chapter President Sammy Carr, W8UGF, who helped at the Chapter booth at the Goodyear Hamfest. There were 48 out-of-town and local members who signed the register sheet. Handout information and application blanks were given to interested persons. Our President, Chet, K8GRO, was General Manager of the Hamfest.



New members Dick Kelley, KA4TEB, at left; and Dick Baecher, W8HPE, new Chapter members are shown above in the pix taken by Bob Sheppard, W8CCG.

The next Chapter meeting will be on October 22, 1981, at Anthe's. Mark your calendar now...visitors are welcome... please let us know in advance, so we can make reservations!

SOUTHERN CALIFORNIA CHAPTER No. 7



Summertime is picnic time, so thru the kind offer of Oka Steward, W6CAR, and his spouse, Julia, local members of the Chapter will assemble at Oka's "Camp Wildwood" for an outdoor gathering.... The picnic will have taken place by the time this issue reachs general membership.

Please mark your calendars for October 3, 1981...our fall Dinner Meeting will take place at the Petroleum Club, in Long Beach, thanks to the efforts of Bert Ayers, W6CL, our Chapter Prexy.

Our National President, Harry Gartsman W6ATC, is not about to "behead" Herb Gleed, W6FQ (pix opposite). As a matter of fact, Harry is in the act of "Knighting" Herb as Knight of the QCWA for his loyalty and dedication to the welfare of QCWA for lo, these many years.

- Moe, W6PHE -

ARK-LA-TEX CHAPTER (85)

The ARK-LA-TEX Chapter (85) is alive & well. We now meet the 3rd Saturday of each month and have been having a good technical program with each meeting... such as:

- (1) Ben Laurents, W5JAH, demonstrating his Microlog 2800
- (2) Ralph Payne, W5JFF, took two meetings to explain why his vertical is the best antenna in the ARK LA TEX. Of course the brain-washing Ralph was subjected to while with the FAA helped convince him that a vertical is best. He also used considerable trickery with a chalk board to support his theory.

We will have a booth at the SARA Convention, August 22-23, 1981!

Dwight, W5WE-

LAKE ERIE TRI-STATE QCWA CHAPTER #122

The Chapter met on August 2, 1981 at No Place Like Sam's... formerly Sambo's, in Jamestown, NY. Thanks to work by Bob Johnson, W2TTW and Ralph Winship, K2LLL, a delightful menu was enjoyed. Xy1's attended, en masse, making it really a fine meeting.

The annual meeting for LETS QCWA #122, is tentatively set for mid-October, at an appropriate location, with the hope that there will be a good tri-state representation accompanied by all the xYL's. The fifty-members Chapter banner will be unfurled!

Those who attended the August meeting were: Bob, W2TTW; Ralph, K2LLL; Laura, KA2IVG; Tom & Jean, KB2QY; Milt and Marion, W3RUL; Ed and Kay, K3FVO; Harold and Irene, W3LOD; Pat and Rose, W3CRV; Steve and Margot & jr op, W3NRU; Chuck and Winnie, W3TPW; Bert and Olive VanHouten, W3SN; Bart and Dor, W3JQV; Sam and Evelyn, W3FIQ; Paul & Doris, W3QPP and, Ken and Martha, W3QN.

-Paul, W3QPP-

Bob Wahlstrom, K4UY, sent a memorial to his friend, Jack F. Wynne, W4WN, who became a silent key June 26, 1981. Bob & Jack kept weekly radio schedules for years, as their work with Western Union Telegraph took them about the Nation.... Their last QSO was on June 1, which was also Jack's last radio transmission.

HEADQUARTERS REQUEST FOR HELP

The following list of members comprises a group whose mail has been returned by the Post Office, marked UNDELIVERABLE!

Most have not been heard from for 2 years and more. We need information on them...perhaps they've moved, with leaving a forwarding address, some may be silent keys. Please give a helping hand, if possible.

WICPI	O. W. Greene	K6DDQ	Lyle G. Larson
W2CHM	Ross Macaluso	K6GT	E. Finley Carter
W2JKB	Harold C. Miles	W6HAW	Irving B. Olsen
W2SXN	Francis M. Simonds	W6IMW	Milford W. Noe
W2VXH	William W. Hardwick	K6J0W	Frank J. Albert
W3CO	Al S. Hayes	W6MDG	Ethen E. Hoover
K4EGN	James I. Goldstein	KB6PG	Robert F. Nelson
W4EQC	R. A. Puryear, Jr.	WETCH	Mary E. Pefley
K40Z	Walter Godwin	WB9SDT	M. C. Bartlett
K4PEP	C. E. Hagler	VE7BRH	Richard Harlow
K4YN	Luther H. Anderson	KV4CM	F. E. Pelton
WSTB	Lester L. Stevens		

If you think you may have information, please drop a post card to HQ....we'll write, call or otherwise contact them..

FORT WAYNE CHAPTER, QCWA, INC.

May 7, 1981, was the date for the spring Dinner Party of Chapter 26, Ft. Wayne. The location was at the Hobby Ranch House at Ft. Wayne. During the business part of the meeting, election of officers was held. The new slate of Officers are:

Julian Franke, IV, W9TQA, President Ted Clifton, W9TC, Vice President Allen Moore, W9JJX, Scty/Treasurer

Spotlight speakers for the evening were; Julian Stark who was 9AMV in the early days and, William Leightner, W9DBJ. Between the two, they kept the guests in stitches with their accounts of the past. They also brought along a picture of an early "wireless" station and explained the functions of some of the apparatus shown in the picture.

The main speaker of the evening was Paul Fish, K9LSA. He put on an interesting slide presentation of some of the south-sea islands he had visited since his retirement. In addition to it being a very interesting program, some of us were envious of some of the DX locations he worked from. At the conclusion of the program, everyone went their various ways, looking forward to the fall meeting.



In the picture above, L-R are, VP, Ted Clifton, President Julian Franke and S€ty/Treasurer, Allen Moore.

- George Kasdorf, Sr W9FSA

PONDER THIS: "You quickly lose interest in the church if you have NOTHING invested in it."

This also applies to everything else you are involved in. -Fort Worth Chapter QCWA-

UPPER MIDWEST CHAPTER #8

The Upper Midwest Chapter met on Thursday evening, May 21, 1981, with 42 members and guests attending. The meeting was held at the Fair Oaks Motor Hotel, Minneapolis, MN. First order of business was the 50- Year Award to Baldwin Halaway, WØJD, and to Robert Aldrich, WØJVM, who received his 58th year endorsement. Next order of business was election of Officers. Those elected were:

> George Haycock, WØOQW, President Robert Gille, WØUGY, Vice President Fred W. Schmidt, WØULU, Treasurer Jack G. Webb, WØGVV, Secretary

Following the dinner meeting adjournment, the group went to visit the Joe Pavek, $W\emptyset OEP$, Radio Museum. It is a memorable experience to go through this remarkable place, which has all types of past radio gear from the early 1900's to the present era. It's a real show stopper when Joe gives a demonstration of his spark gap transmitter.



Above, at Left, Delmor Nordstrom, WØTAT, presents WØJD with his Golden Certificate. Below, Robert Aldrich, WØJVM, is being presented his 58th year endorsement!



AS WE WRITE THE FALL NEWS, WE ARE ALSO PREPARING TO ATTEND THE QCWA NATIONAL CONVENTION, TO BE IN CLEVELAND, SEPTEMBER 25, 26 & 27, 1981. NEWS WILL BE IN THE MAIL WHILE THE CONVENTION IS IN PROGRESS.

WE SHALL TAKE PICTURES, AND GET SOME GOOD STORYS FOR YOU, WHILE THERE. A COMPLETE REPORT ON ALL OF THE ACTIVITIES, ON THE INAUGURATION OF OFFI-CERS, BOARD MEETINGS, AND THE PERCENTAGE OF ANTI-FREEEZE IN THE SCHLOSPITALITY COCKTAILS WILL BE PROVIDED.

CLEVELAND, HOME OF QCWA CHAPTER NUMBER 1, IS ALL OUT TO PUT ON A GOOD SHOW. WE CERTAINLY HOPE YOU WERE ABLE TO MAKE IT!

ISRAEL CHAPTER #124

Israel Chapter, No. 124, concluded a highly successful week end outing for members, guests and their families at the Shoresh Resort Hotel. Shoresh Resort is located in the mountains about twenty minutes from Jerusalem...with tennis swimming and trail hiking as a few of the diversions available to Shoresh guests.

Alon Tavor, food and beverage service manager at Shoresh (4Z4ZB) acted as co-ordinator for the gathering. Alon and his charming wife, Flo, helped Chapter President "Ozzy" Osrin spearhead the weekend activities. A short break for picture taking resulted in the photo below. L-R, are:

4X4IL, ZS6AAX, 4X4BX, 4X4BO, 4X4GI, 4X4FQ, 4X4FU, 4X4AT, 4X4AH and 4X4AM on the top row...in the lower row: 4X4JI, 4X4MZ, 4X4OH, 4X4CW, 4X4NW and 4Z4AG.



A follow-up fall outing is planned for the same locale ..

- ZVI Osrin, 4X4CW -

ANTHRACITE CHAPTER OCWA No. 33

At the annual dinner meeting of the Pocono Amateur Klub "Park" of Stroudsburg, PA, held Saturday, June 30, 1981 the QCWA Golden 50-Year Certificate was presented formally to Ed Rittenhouse, W3PVY (1250). The Award Ceremony, pictured below, with Charlie Baker, W3MAA, at left, making the award to Ed, W3PVY, at right.

Ed has been an Officer in the Anthracite Chapter in past years, and was instrumental in the Chapters formation. During his tenure in Office, the Chapter was very active and held man- delightful social affairs. Because of the high attrition rate (Silent Keys, etc), and difficult travelling during the "Anthracite Winters", the Chapter is presently inactive.



To QCWA members everywhere, our best wishes and 73's

-_Charles, W3MAA -

MICHIGAN CHAPTER #10

Michigan Chapter #10 held its annual dinner meeting at Paddy's Pub, Midland, MI, where a fine time & delicious dinner was enjoyed by some fifty, including the YLs.

Our new officers are:

Don Christensen, W8WOJ, President Merle Lawrence, W8LUI, Vice President Ed Trobley, W8CAM, Treasurer Vern Sherman, W8MX, Scretary

We sometimes wonder if other chapters elect as we do. see, our this-year VP automatically becomes next term President. We regard the presidency as an awesome load and tho we've never lost one, we nevertheless feel he needs a full year of training before he attempts to lift that weight!

We've never elected a new Treasurer since the Chapter was formed in 1959, because Ed, W8CAM is the only one we trust with all that loot! It got pretty low this year & we had to pass the hat, but I can remember when it was up in the low to medium TWO figures.

When we get a Secretary who can get a fair sprinkle of Michigan calls into QCWA NEWS, we just retread him a couple of times. Sooo, it boils down to juckering in a new VP every year ... and this year we honored lucky Merle, W&LUI.

In the pix below, L-R are: "Lucky" Merle, W&LUI, VP; past President, Joe, W8PVB; New President, Don W8WOJ; retread Scty, Vern, W8MX and retread Treasurer, Ed, W8CAM.



At the meeting, Hank Bronson, at right-center, is receiving his Tolden 50-Year, continuous licensed Award.

Pictures were taken by W8BKF, and K8ACO!

When the meeting was over it was raining cats & dogs. Vern left his brief case in the lobby of the restaurant ... it was still there nearly an hr later when he went back after it. Vern says that was simply because he leads a very clean life! - Ed.



Vern, W8MX

EASTERN NEW YORK CHAPTER QCWA, No. 95

We have received a fine letter, with a wealth of information about the newly elected President of the Chapter.... Paul R. Patterson, K2BTX, was elected to that office last winter, October 18, 1980, at the last annual meeting of the year. Paul, Chairman of the Pediatrics department at Albany Medical College for the past 30 years, retired from that post June 30, 1981. The Albany Sunday Times, published a fine story on Pauls work and on some of his philosopy about life and people. He says he's really going to miss medicine, after 40 years in the mainstream!

The Eastern New York Chapter is indeed fortunate to have so fine a man as President, but then, QCWA Chapters seem to bring out the best. Congratulations Paul, from all of your friends.

Theodore Stern, K4YY, provided the pictures below:



Mr. Al Zetekoff, W4AL, receives his 50-Year Certificate in a presentation by David Talley, W2PF.



Above, Mr. Fred Winston, K4KK, receives his 60-year Golden Certificate in a presentation by David Talley, W2PF. pictures were taken by Lou Schreiner.

SILENT KEY MEMBERS

	0122111 112 1
W1JYQ	George W. Whitney
W2CNQ	Lowell White
W2GLP	Alfred Dolid
W2JBG	Wallace L. Wiggins
W2JIE	Thomas Cleland
W2VU	Samuel S. Kale
W3CWY	David F. Morris
W3YBR	August H. Riesmeyer
KD4FD	William J Slater
W4FTH	Floyd D. Woolum
K4GKI	J. Winfree Morris
W4HDR	T. R. Leverette
K4KHP	Ray Reisinger
K4LD	Anthony J. Mony
W4NCU	E. Allen Freiburger
K4UBD	A. S. Lawrence
W4WN	Jack F. Wynne
W4WS	Robert H. James
W4WWH	Frank S. McCullough
W5BZI	Howard B. Hamilton
W5CZK	Leo D. Harris
W5FT	William Obrist
W5ROH	Hershel T. Walton
W40F0	Patrick L. Burt

WEAW K6DF W6FF W6GH W6 IRV N6JT W6KTS K6FMQ W6NTX W6TON K7EJ W7FZR W7IIM W7YW WA8YCW WOEAL. WØFCT DI.IIII. VE3FD

VE3JA

Roland D. Richardson C. H. Katzenberger Andrew Kirinich Vance Phillips W. L. Reid Morton Grotenstein H. A. Scott Wally Freye S. Birlenbach Lewis D. Chilson H. W. Wickenhiser James R. Heay Don M. Beaudine Arthur J. Boblett John A. Hume C. Steve Mohn John L. Anderson Hans Schlottmann Burwell Graham George B. Gillies

R.I.P.

MIAGARA FRONTIER CHAPTER No. 65



Above, L-R, are: Vice President, Carl Maylott, W2YE; Bill Kiefer, W2AQY, receiving his Golden Anniversary and 50-Year Continuously Licensed Awards and; Chapter President, W2SD, Ray Griswold.

Sixty-Year QCWA awards were recently presented to Earney Roy-W2RX and Fred Gerber-W2UYG. A 50-Year award was also presented to your news reporter, Bill Hope-W2EWT. We hope to have more pictures ready for the next issue. We are still holding a 60-Year award for Carl Drakeley-W2KFX of Penn Yan until Carl is able to make the trip here.

Our QCWA Chapter meets every Saturday noon for luncheon at "The Little White House", 5877 Main Street, Williamsville, N.Y.. Out-of-town QCWA members are issued a special invitation to attend our luncheons when visiting this area. Recent visitors at our luncheons include Johnny Schueler-K7QV of Sedona, Ariz. and John Van Son-W2JUA/WB5NWE of Richardson, Texas. Our Chapter meets on the air every Sunday at 1:30 PM on or about 3900 KHz..

We are happy to welcome three new members into our chapter: Robert Doran-K2VJG of Matthews, N.C.: John Ahrens-K2KQL of Tonawanda, NY and Roger Bean-K2SLZ of East Aurora, N.Y...

Our Chapter again had a QCWA booth at the Rochester Hamfest on May 16. Our booth was operated by W2SD, W2YE, W2SSJ and W2EWT. Welcome relief was volunteered by W2KZ, W2KX and W2PZL. Rain fell some of the day and a problem with the State Tax authorities marred the proceedings. We always enjoy our visits to the Hamfest, however. Our Chapter will also have a QCWA booth at the Ham-O-Rama Hamfest in Hamburg N.Y. on September 19.

Our Annual Spring Banquet held on June 7 was probably the most enjoyable and successful party that we have ever had. The food and service was excellent and the entertainment was outstanding. Ted Podd-W2KX did a great job again this year as "M.C." and contributed a few brand-new jokes! Our guest speaker was Geoff Fox-WE2AFM who appears regularily on the syndicated TV program "PM Magazine". Geoff led off by telling a number of jokes in his breezy style and followed up by giving some of the background of his show. He also showed some taped "out-takes" from previous shows on a large color TV receiver.

Last, but not least, we were treated to a great performance by Ann Palmer, wife of our DX-Expeditioneer, Ken-K2FJ. Ann is a terrific "joke-teller" and is in a class all by herself! She kept the gals and fellows "in tears" all the way. If you have not heard Ann before, you have really missed something. We were very fortunate to have her on our show again this year. We also wish to thank Dick-W2GIH, Bob-W2JPE and Ray-W2TAX for their assistance in moving the TV gear and video machine to and from the restaurant.

Bill - W2EWT

TREASURE STATE CHAPTER QCWA No. 104

The Treasure State Chapter QCWA held its fourth annual meeting, July 18, 1981, and again, at the Three Forks Camp Ground which is located several miles east of Essex, on Hwy 2, near Glacier National Park. Truly a beautiful and peaceful environment. In compliance with our by-laws, this annual meeting is held at the time of the Glacier-Waterton Ham-

Harold Schneider, W7BKM, called the meeting to order at 7PM, and after introductions were made, and visitors welcomed, it was determined that the total attendance was 16! One member missing, later offered his apologies; He had become so spellbound by a wartime airplane pilots stories that he just plain forgot about QCWA. Apology accepted, Hammy!

Election of officers resulted in the following slate for the ensuing fiscal year:

> Ken Johnston, W7LIX, President Bill Savage, VE6EO, Vice President E. Phil Coulter, W7PX, Scty/Treasurer

All Directors were re-elected, namely, Jim McKenna, VE6HO, Orval Hill, W7DB and Robert Leo, W7LR.

Discussion was held on the subject of a spring meeting. A majority were in favor, but a time or place was not firmed up, and this will be settled later by a poll of all members.

We have been trying to find a net time and frequency acceptable to all members and it was decided to experiment with 7240. at 10 AM, local time, Saturday mornings. All QCWA members are invited to join us. The Secretary read latest HLR to members who had not heard it on the net.

Everyone enjoyed the "eyeballs, after a very good business meeting. W7PX - Phil

ATLANTA, GEORGIA, CHAPTER #49

Atlanta Chapter held its second quarterly dinner meeting at the Western Sizzlin' following close of the Atlanta Hamfestival, on Saturday, June 20, 1981. Our ARRL SE Division Director, Frank Butler, W4RH, guest speaker, was introduced by Chapter President, Bill Plage, W4DQT. Frank spoke about ARRL projects & developments, past and future, and how we can continue to be an active part and influence. There were 26 present, including 15 member spouses and visitors. Our Hamfest booth attracted log-ins from many parts of the US ...



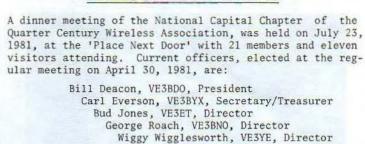
In the picture above, L-R, are: Ed Mitchell, W4JWO, Chapter Secretary/Treasurer; Frank Butler, W4RH, SE Division, ARRL Director; Bill Plage, W4DQT, Chapter President, and Wendell Cushing, K4VN, Chapter Vice President. Picture by Eddy Kosobucki

The next Chapter meeting is set for September 25, at the picadilly Cafeteria, Greenbrier Shopping Mall, 6PM!

Our on-the-air net is active every Saturday morning, 1300Z on 3832 kHz...K4VN is NCS...everyone is welcome!

--- Ed, W4JWO ---

NATIONAL CAPITAL CHAPTER No. 70



After a delightful meal, the President called for a few moments silence in memory of Vern McCourt, VE3PY, one of our Charter Members who passed away on June 25, 1981. Dave Gwinn, VE3IX, was then presented with the QCWA Golden Anniversary Award and Distinguished Member Award, that recognized 50 continuous years in Amateur Radio.

The Secretary reported a current membership of 45 and the next meeting, a Ladies' Night, was announced for October 22, 1981. The meeting place has not yet been finalized.

Members of the Chapter and visitors introduced themselves and gave the year of their first Amateur Radio operation. Dean of those present was visitor, Ted Hollingsworth, K4GV, with a date of 1918. The speaker for the evening was Chip Wiest, VE3BGV, who gave a very interesting talk and slide presentation on his experiences in the antarctic. Chip was suitably thanked by George Scuthe, VE3DMC, and the meeting was adjourned for eye-balls and rag-chews.

In the picture above, Bill Deacon, VE3BDO, President of the Chapter and Carl Everson, VE3BYX, Secretary/Treasurer.

National Capital Chapter meets four times annually. Current membership is 45!

PELICAN CHAPTER No. 128

Pelican Chapter No. 128, in St Peters-burg, FL, is honored in having its President, Lew Sieck, K4NE, named QCWA Man of the Year, a title he justly deserves. Another one of our members, Cress Donbar, K4YL, has the distinction of holding Certificate of Appreciation No. 1, in recognition of his early and continued support and contributions to the OCWA MEMORIAL FUND.

A group of our XYL's held a "garage sale" at the QTH of VP, Jack Mandell, W4PLW, and presented a fine contribution to the Chapter Treasury. Instead of the usual luncheon meeting in May, we held a picnic meeting at Ft. DeSoto State Pk. This will no doubt be an annual affair. At our June meeting we had a Police Dpt Detective speaking on "Protecting Your Life and Your Property." A timely subject, well received by all. We welcomed new member Howard Cervantes, W2DB, who holds QCWA Membership No. 100.

Winter visitors to the Gulf of Mexico side of the Sunshine State are invited to attend our luncheon meetings on the third Wednesday of the month...at the Manor Restaurant, in St Petersburg.

-Harry Bloechle, K4WP-

GULF COAST OCWA, CHAPTER 131

Walt, NE4E, sent the shortest report we have ever received:

"This is to advise you that we have 30 members with 25 years or more on our rolls."

The University of Heidelberg was founded in the year 1385!

PIEDMONT, NC CHAPTER #126

The Second quarterly Chapter meeting was held at the Western Family Steak House, in Concord, NC on June 6, 1981, with a total of 25 members and their xyls in attendance.

After lunch we were treated to a program by Ray Low, WIVMD. This was a tape of a meeting of the Radio Club of America and featured eeminiscences by the speaker, of the early days of radio in Great Britain & the United States.. It covered a time period of from a few years prior to WW-I until a few years after. Names and accomplishments of many of the distinguished early pioneers of Radio Engineering were reviewed, providing a very interesting picture of Radio's early development.

This Chapters local Sunday, 9AM net on 3935 kHz is off and running with a good attendance. Literature & letters from candidates in the QCWA election were distributed and read.

Our policy of moving our meetings around the Piedmont, NC area for maximum attendance opportunity seems to be working well so, our next meeting will be in Asheboro, NC, on Sept 12, 1981!

-----Ellicott Valentine, K4J0-

FLORALA CHAPTER #84

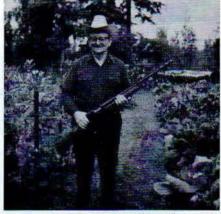
Florala Chapter, No. 84, announced the Officers elected for 1981/1982 to be:

John Pcheny, W4VXV, President Sam Galloway, W5RHE, Vice President John Laken, W4MMW, Scty/Treasurer Bobs Corey, W4HYV, Historian John Zwaska, W4WKQ, FL Coordinator Hap Oliver, WB4HMQ, Chaplain

- John, W4MMW -

- Carl, VE3BYX -NORTHERN LIGHTS CHAPTER #92

In the last issue of QCWA NEWS, John McQueen, KL7AVX, (Mac), was erroneously given credit for running his 15,000th mile. The runner was really John Trent, KL7DG. Pictured below, is the "real KL7AVX," who runs only as far as his garden to chase away the moose and black bear.



John, on guard, protecting his garden from marauding moose and bear!

Our President, Bob Hisamoto, KL7AM and SYL Louisa, KL7HCO, along with 5 of their children, have just returned fm a 36 day trip to Japan. Bob is the founder of JARL. Met daughter Alice, KL7HCT, in Japan, where she is an ex-change student at Nagaya Gaquin University. The family was very royally treated.

John, KL7DG, with his 5 watts, just had a nice chat with Vince, W5KC, in Louisiana. John is trying to prove to us that we don't need power, just need perserverance!

_____Marge, KL7YG _

WISCONSIN CHAPTER 55

On June 6th, 1981, Wisconsin Chapter #55, met at Port Washington, Wisconsin to celebrate the 10th anniversary of its founding (1971). We were fortunate to have Sid Pokorny, the spark-plug of the Chapter's formation back from Arkansas, where he is now W5UAU. Sid was then W9NRP, and had assembled the organizing meeting in Appleton, WI on May 15, 1971.

Our meeting this year drew 118 persons, a record, among whom was Fred Laun, K3ZO, guest of W9EWC. Fred was prevailed upon to give us a few remarks on his many past experiences. W9MDG & his XYL, W9WYJ were back from their retirement home in California, for the event, and functioned in his traditional role of Chapter photographer. Guests included K9FHI, SCM for Wisconsin, and W9UVK, a prospective new member. was presented with his 60th year Golden Certificate and was congratulated by President, K9YHO. The Ladies dispersed to their customary activities, while we OT's held our semi-annual meeting. The meeting was adjourned at 3:45PM & broke up shortly thereafter.



Above, at left, D. Wesley Correll, W9FY, receives his Golden Award, Jun 6, 1981, from Fred Linn, W9NZF.

- Fred, W9NZF -

CANTON OHIO CHAPTER #21

The June meeting saw attendance double the February group. A goodly number of welcome guests attended too, making up a total of 66 were present. Thanks to Nelson Caley, W8EAR, for the Ohio Bell program "Ohio Folklore," and to Maurice Stahl for his display of antique gear. Maurice is instrumental in acquiring & placing wireless & antique radio equipment with the Stark County Historical Society!

The Chapter announced its summer meeting for August 15, 1981, at Ruslees...

The August newsletter from Canton provided a fine up-to-date roster of members and memorial to Chapter Members who are now Silent Keys. Secretary of the Chapter, Henry McLaughlin, W80YV, is doing a good job!

OCWA ARIZONA CHAPTER No. 16

Not much news from Arizona this summer --our monsoon season is beginning now and we got a fair amount of water this year. Several tragedies in the flash floods - our back east visitors have a hard time understanding that even tho its raining "way back" in the hills... that water is headed "hell-bent-forelection down the arroyos with a crest or precursor wall of water, sometimes 15 feet high and travelling at express

We still provide any traveller or winter visitor (QCWA or not) a list of AZ QCWA members address and/or telephone numbers. We meet every Sunday morning at 0800 hours, MST, on 3892, and we're welcoming anyone to check-in.

We did split our annual business meeting in October and our annual pot-luck in April into to events in order that as many Arizona members as possible might attend one. It worked out very well and I think we will continue this in the future. Lots of our members cannot go to the high altitudes, some cannot drive, or have other physical handicaps, by splitting the meetings we've been reaching more of our mem-_____ 73, Lucky, K7NTG -___

GATEWAY CHAPTER QCWA # 96

Gateway Chapter of QCWA reports it is doing well with new members...During July, three new members joined; they were: Dick Ralston, K4LFF; Earl Jones, NF40 and, Walt Walters, W4HMO,

These members bring the Chapter total to 45 members in good standing so far this year.

Gateway Chapter has made a contribution to the QCWA Memorial Fund, of \$50 which is much appreciated. The gift was made in January, 1980, and was improperly credited due to an error here at HQ. We ask the pardon of those who made the gift possible.

The Chapter on-the-air meeting is each Saturday, except the 3rd. NCS is rotated among the members...get on 7230 and check in with the gang ... 1100 hrs, local time. - ED.-



L-R, Joe Selby, W4GHL, presenting a 60-Year Golden Award to Forrest Pilgrin, W4JD East Tennessee Chapter

FORT WORTH CHAPTER No. 72

New Officers for the Chapter have been elected, as follows:

> Jack Mahler, W5NII, President Jerry Wilson, K5JGS, Scty/Trs.

The Chapter has welcomed its first Lady member, Beth Williams, K5COG. We are proud to have Beth join ranks with we old-timers.

Jack Sykes, G3SRK, is expected to have a presentation for the Chapter. Jack is one of the early British maritime operators.

John Goin, W5GIC, works as a volunteer for Community Services. In a capacity of good-will, he was assisting airline passengers at DFW, and met W2GHV, who was attending the National OCWA meeting, at Dallas. - Ray, W5 IWE -

NORTHERN VIRGINIA CHAPTER No. 91

Thirty-nine members & guests attended the summer dinner meeting of NOVA CHAPTER #91, at the Cedar Inn, Vienna, Virginia, on August 11, 1981

NOVA Chapter was honored and greatly pleased to have four of its members elected in recent QCWA and ARRL elections. Stuart F. Meyer, W2GHK/4, was elected President of QCWA and, Ethel Smith, K4LMB and Victor C. Clark, W4KFC, were both elected Directors of QCWA. John C. Kanode - N4MM, elected Vice Director of the Roanoke Division, ARRL.

NOVA Chapter has invited QCWA to hold its 1983 national Convention in Washington, DC. Sponsorship of this event will be a coordinated effort of the QCWA Chapters in the Capital area, including the District of Columbia and Baltimore, with the NOVA Chapter as Chief Sponsor.

E. Allen Freiburger, W4NCU, became a Silent Key as a victim of an auto accident in July.

The Chapter will meet for lunch on November 21, 1981.



The picture above shows Chapter members Vic Clark-W4KFC, Ethel Smith, K4LMB, both newly elected QCWA Directors, and Stu Meyer-W2GHK/4, President-Elect of QCWA. John Nagley _ _

QCWA CHAPTERS - SEPTEMBER I, 1981

- 1. Cleveland Chapter; George Riehl, W8NJF 794 Archer Road, Cleveland, OH 77146
- Chicago Area Chapter; Phillip Haller, W9HPG 6000 South Tripp Street, Chicago, IL 60629

3. Boston/Providence Chapter (INACTIVE)

- 4. Northwest Chapter; Hal Johnston, W7PN 48 East Harrington Lagoon, Coupeville, WA 98239
- 5. Delaware Valley Chapter; A. G. Wentzel, W2HX
- 318 Gardner Avenue, Trenton, NJ 08618 6. Pittsburgh Chapter; Joseph Soroka, W3LGD 209 McMichael Road, Carnegie, PA 15106
- 7. Southern California Chapter; Moe Joffe, W6PHE 7259 Willoughby Avenue, Los Angeles, CA 90046
- 8. Upper Midwest Chapter; Fred Kline, WOLJT
- 3205 Wenonah Place, Minneapolis, MN 55417 9. Dayton/Cincinnati Chapter; J. E. Schlueter, W8WYH 6815 Pablo Drive, Dayton, OH 45424
- 10. Michigan Chapter; Vern Sherman, W8MX RFD 2, Manton, MI 49663
- 11. Northern California Chapter; Russ Estep, W6AUC 1469 El Camino Real, Belmont, CA 94002
- 12. Southeast Florida Chapter; G. E. Roof, W4KO 95 Northeast 133rd Street, North Miami, FL 33161
- 13. West Gulf Chapter (INACTIVE)
- 14. San Diego Chapter; Si Morrison, W6OSD 804 5th Avenue, Chula Vista, CA 92011
- 15. Tulsa Chapter; Bert Gunn, W5FU 5333 South Newport, Tulsa, OK 74105
- 16. Arizona Chapter; Lucky Brown, K7NTG
- 9301 East Magdalena Street, Tucson, AZ 85710 17. Susqehanna Chapter
- (INACTIVE) 18. Findlay Chapter
- (INACTIVE) 19. Missouri Chapter
- (INACTIVE) 20. Baltimore Chapter; W. Winston Hunt, W3KWK 3304 Dorchester Road, Baltimore, MD 21215
- 21. Canton Chapter; Henry W. McLaughlin, W8OYV 1508 Navarre Road, SW, Canton, OH 44706
- 22. Toledo Chapter (INACTIVE)
- 23. Washington Chapter; Elizabeth M. Zandonini, W3CDQ 4627 47th Street NW, Washington, DC 20016
- 24. New England Chapter; Harry Wills, WIDJ 1 Pine Road, Hampton, NH 03842
- 25. Nebraska Chapter; Robert H. Brenneman, WOUQJ 953 Oak Park Road, Council Bluffs, IA 51501
- 26. Fort Wayne Chapter; George Kasdorf, W9FSA 704 South 6th Street, Goshen, IN 46526
- 27. Houston Chapter; Charles R. Cox, AB5X 11002 Montverde Lane, Houston, TX 77099
- 28. Central New York Chapter; Herbert Preston, WZRIZ 11 Lincoln Street, Tully, NY 13159
- 29. Finger Lakes Chapter; Charles Floring, W2AK 5259 Knolltop Terrace, Syracuse, NY 13215
- 30. West Virginia Chapter; C. R. Basham, W8NR PO Box 473, Charleston, WV 25322
- 31. Reading Chapter; Bob Wagner, W3GII 1520 Haak Street, Reading, PA 19602
- 32. Gator Chapter; Eli Nannis, K4JMH 14996 Imperial Point Dr, North, North Largo, FL 33540
- 33. Anthracite Chapter (INACTIVE)
- 34. Joliet Chapter; George McGee, W9DNP 908 Westshire, Joliet, IL 60435
- 35. Midcontinent Chapter; Ron Wood, KOBRO 905 West 122nd Terrace, Kansas City, MO 64145
- 36. Northwest Indiana Chapter (INACTIVE)
- 37. Harrisburg Chapter; Richard E. Baker, W3TMN 1711 Lincoln Drive, Camp Hill, PA 17011

QCWA CHAPTERS

- 38. San Antonio Chapter; Frances T. Bruemmer, W5KQG
- 1934 Arroya Vista, San Antonio, TX 78213 39. Akron Chapter; J. Ed Robertson, K8EMI 3809 Easton Road, Norton, OH 44203
- 40. Alabama Chapter (INACTIVE)
- 41. Dallas Chapter; Walt Wiederhold, W5OGZ 2812 Pritchett, Irving, TX 75061
- 42. Mohawk Valley Chapter; Charles L. Pankiewicz, W2WGL 12 Meadowbrook Road, Whitesboro, NY 13492
- 43. Oklahoma Chapter (INACTIVE)
- 44. Nevada Chapter; John Neal, W7VH 2105 Las Verdes, Las Vegas, NV 89102
- 45. Citrus Chapter; Robert R. Sutter, W3SOB RD 1, Box 173, Maitland, FL 32751
- 46. Metro New York Chapter; David W. Winter, W2AUF 84-26 87th Street, Woodhaven, NY 11421
- 47. Sydney Australia Chapter; H. W. S. Caldecott, VK2DA 8 Seaview Street NSW 2093, Australia
- 48. Treasure Coast Chapter; Charles Greenlees, K4BHW PO Box 3088, Beach Station, Vero Beach, FL 32960
- 49. Atlanta Chapter; H. Edwin Mitchell, W4JWO 2281 Delowe Drive, East Point, GA 30344
- 50. Shreveport Chapter (INACTIVE)
- 51. Texas Golden Triangle Chapter; Charles A. Poston, W5MOO
- PO Box 9, Port Arthur, TX 77640 52. Mississippi Gulf Coast Chapter; Robert E. Beckstein, K5QKY 313 Springdale Circle, Biloxi, MS 39532
- 53. Suncoast Chapter; Albert C. Hodson, W4PJF 4904 - 3A Street East, Bradenton, FL 33507
- 54. Tyler Chapter; Cecil Cammack, W5RRM 1600 Yosemite Drive, Tyler, TX 75703
- 55. Wisconsin Chapter; Fred A. Linn, W9NZF
- 2929 North Shepard Avenue, Milwaukee, WI 53211 56. Wichita Mountain Chapter; Richard L. Hawkins, W5FW 1408 Bell Avenue, NW, Lawton, OK 73501
- 57. Carolinas Chapter (INACTIVE)
- 58. Colorado Chapter; Luther Oldham, WOZJ 2701 Alcott Street, Suite 487, Denver, CO 80211
- 59. Central Illinois Chapter; Jim Umstattd, W9CFV RR 3, Bloomington, IL 61701
- 60. East Tennessee Chapter; Robert Embry, W4HHQ 1704 Highland Drive, Knoxville, TN 37918
- 61. Detroit Chapter; Dick McNutt, W8CAT 10421 Curtis Lane, Union Lake, MI 48085
- 62. Suwannee Chapter; Harold L. Carpenter, K4JTJ 815 Hemlock, Inverness, FL 32650
- 63. Central Oklahoma Chapter; Howard W. Baker, W5AS 5928 North Redmond, Oklahoma City, OK 73122
- 64. El Paso Chapter; Owen Lehr, W5VYB 7731 Gran Quivira, El Paso, TX 77904
- 65. Niagara Frontier Chapter; William J. Hope, WZEWT 80 Coventry Road, Kenmore, NY 14217
- 66. Spaceport Chapter; Ken Raulins, WB4JXR Rte 3M, Box 433, Merritt Island, FL 32952
- 67. Austin Chapter; David B. Farris, K5NT 2309 FAlcon Hill Drive, Austin, TX 78745
- 68. West Branch Chapter; Ted Crowe, W3GPR 345 Pearson Avenue, Williamsport, PA 17701
- 69. Everglades Chapter; Theodore Stern, K4YY
- 5360 NE 15th Street, Ft. Lauderdale, FL 33334 70. National Capital Chapter; Doreen Morgan VE3CGO 755 Hamlet Road, Ottawa, Ontario, Canada
- 71. Central Ohio Chapter; William E. McFadden, W8CBL 1234 South Roosevelt Avenue, Columbus, OH 43209
- 72. Fort Worth Chapter; Gerald F. Wilson, Jr., K5JGS 2939 6th Avenue, Ft. Worth, TX 76110
- 73. Southern Ontario Chapter; Ted Bodman, VE3CD 3 Chelford Place, Waterloa, Ontario, Canada N2J 3T8
- 74. Muskegon Chapter; Russell Reec, W8BXS 1748 Evanston, Muskegon, MI 49442
- 75. Central California Coast Chapter; Henry E. Haenke, W6TZW 313 Vista Del Mar, Pismo Beach, CA 93449

QCWA CHAPTERS

- 76. Blue Ridge Chapter; Walter A. Howe, W4OZN 467 Glenheath Drive, Hendersonville, NC 28739
- 77. Northern New Jersey Chapter; John Vargas, W2ULO 49 Fairview Avenue, Park Ridge, NJ 07658
- 78. Lubbock Chapter; E. C. Pool, W5NFO 2306 Boston, Lubbock, TX 79411
- 79. Sunflower Chapter; Owen Cunningham, WOALT 947 South 127th East, Wichita, KS 67207 80. Caloosa Chapter; Dave Bowman, W40UU
- 5317 Colonade Court, Cape Coral, FL 33904 81. Long Island Chapter; Andrew Bartilucci, W2NKC 115 Roosevelt Street, Garden City, NY 11530
- 82. Sailfish Chapter; William Nagata, K4KPH 2020 Jacaranda Drive, Fort Pierce, FL 33450
- 83. Central Indiana Chapter; T. G. Lucas, W9BS 7830 Melbourne Road, New Augusta, IN 46268
- 84. Florala Chapter; John W. Lakin, W4MMW 10 Linwood Road, NW, Ft. Walton Beach, FL 32548
- 85. Ark-La-Tex Chapter; Dwight Brown, W5WE 344 Janie Lane, Shreveport, LA 71106
- 86. Indiana Chapter (INACTIVE)
- 87. Evergreen Chapter; R. W. Morrill, W7BMK PO Box 35, Albion, WA 99102
- 88. Tennessee Valley Chapter; J. Wheeler Van, W4PVZ 4101 Shelby Avenue, Huntsville, AL 35801
- 89. Palmetto Chapter; Cecil A. Sills, W4HDO Palmetto Arms 8A, Camden, SC 29020
- 90. Razorback Chapter; Henry H. Pattee, W5POH RR 3, Box 204, Mountain Home, AR 72653
- 91. Northern Virginia Chapter; John E. Nagley, K4AHS 2234 West Great Falls, Street, Falls Church, VA 22046
- 92. Northern Lights Chapter; Majorie C. Sappah, KL7YG
- 1711 Logan Street, Anchorage, AK 99504 93. Rio Grande Valley Chapter; C. R. Putnam, N5CP 2700 North 7th, McAllen, TX 78501
- 94. Roadrunner Chapter; John A. Pinkerton, W5VF PO Box 11853, Station E, Albuquerque, NM 87112
- 95. Eastern New York Chapter; George L. Fuller, W2BSH 2094 Oaklawn Avenue, Schenectady, NY 12306
- 96. Gateway Chapter: Richard F. Reddy, WB1ELI 7604 Tacony Drive, Jacksonville, FL 32211
- 97. Central West Virginia Chapter (INACTIVE)
- 98. Dogwood Chapter; Ernie Savage VE7FB 4553 West 12th Avenue, Vancouver, BC, Canada V6R 2R4
- 99. Central Valley Chapter; L. W. Brammer, 1227 Princeton Street, Delano, CA 93215
- 100. East Georgia Chapter; Frank F. Simpson. WIISS 2643 Hillcrest Avenue, Augusta, GA 30904
- 101. Coastal Bend Chapter; Henry Binz, W5HQ
- 317 Cape Aron, Corpus Christi, TX 78412 102. Dakota Chapter; H. B. Burner, WOOEL 422 West Main Street, Mayville, ND 58257
- 103. Fourth Corner Chapter; Henry O. Campbell, W7BLP 1412 Paradise Road, Ferndale, WA 98248
- 104. Treasure State Chapter; E. Phil Coulter, W7PX 1034 Poplar Street, Missoula, MT 59801
- 105. Middle Tennessee Chapter; I. D. Byars, W4KKO PO Box 120609, Hendersonville, TN 37212
- 106. German Chapter; Albert Leinemann, DL9AR
- Magdalenenweg 9, D-3167 Burgdorf, FRG 107. Central Florida Chapter; John Spark, W4LHP 1510 West Araiana Street #202 Lakeland, FL 33083
- 108. Beaver State Chapter; Dolores Morgan, W7VLG 2000 NE Steele Corvallis, OR 97330
- 109. Baton Rouge Chapter; O. D. Ricks, Jr., W5DUS 633 Ingleside Drive, Baton Rouge, LA 70806
- 110. Kansas Chapter; Wendell Wilson, WOTO 717 2nd Avenue, Box 462, Concordia, KS 66901
- 111. Palm Beach Chapter; Verne Olsen, W4YNR 5663 Holly Lane, Jupiter, FL 33458
- 112. Yankee Chapter; Leonice R. Woodward, WIEFC 14 Emmett Street, Marlborc MA 01752

QCWA CHAPTERS

- 113. Mid-South Chapter; Claude Herrington, N4CCA PO Box 16415, Memphis, TN 38116
- 114. North Texas Chapter; Charles Neal, W5NRI 3212 Peckham, Wichita Falls, TX 76308
- 115. Chattanooga Chapter; Ward Buhrman, W4QT
- 6617 Danby Drive, Chattanooga, TN 37421 116. Central Virginia Chapter; George Rulffs, 4420 Montgomery Road, Lynchburg, VA 24503
- 117. Appleseed Chapter; Cliff Olsen, W8YGX 161 West Straub Road, Mansfield, OH 44907
- 118. Coastal Carolina Chapter; Mary Anne Knapp, W4UTO 105 DuPont Circle, Greenville, NC 27834
- 119. Tidewater Virginia Chapter; B. J. Bailey, W4LMB 2204 Scallop Road, Virginia Beach, VA 23451
- 120. Quarter Century Wireless Women; Wilda Andrew, W4HWR 772 Nightingale Drive, Fairfield, CA 94532
- 121. Highlands County Chapter; Leo M. Conner, W3GUP PO Box 690-108 5th Street, Lake Placid, FL 33852
- 122. Lake Erie Tri-State Chapter; E. H. Van Houten, W3TPW
- 631 Sommerheim Drive, Erie, PA 16505 123. Lee DeForest Chapter; Charles J. Ellis, WOYBV Rural Box 8873 Megahertz, Cambridge, IA 50046
- 124. Israel Chapter; Zvi Osrin, 4X4CW
- Mercaz Mischari, Israel 125. Halifax Chapter; Clyde F. Lee, N4PL 1631 Ridge Avenue, Holly Hill, FL 32017
- 126. Piedmont North Carolina Chapter; Ellicott Valentine, K4JO
- 4495 Bashavia Wayside, PfAfftown, NC 27040 127. Shasta Chapter; Robert Schaferf, W6SBH
- 1263 Washington Street, Red Bluff, CA 96080 128. Pelican Chapter; Harry Bloechle, K4WP
- 5326 20th Avenue, North, St. Petersburg, FL 33710
- 129. Waco Chapter; George M. Erickson, W5POG PO Box 3472, Waco, TX 76707
- 130. Inland Empire Chapter; Walter Joos, W6EKM 28309 Sun City Blvd, Sun City, CA 92381
- 131. Gulf Coast Chapter; Walter J. Allard, NE4E 1507 Shannon Street, New Port Richey, FL 33552
- 132. Northeast Texas Chapter; L. F. Filak, K5NAB RTE 5, Box 310-B, Sulphur Springs, TX 75482
- 133. Magnolia Chapter; Margaret Brown, W5TXK
- PO Box 10454, Jackson, MS 39209 134. Pine Tree Chapter; Guy Coro, WIEWW 16 Oakland, Waterville, ME 04901

The foregoing list of QCWA Chapters, listing names, Chapter Numbers, the SEcretary and his mailing address has been taken from our "in house" computer file"....which is updated regularly as we receive notification from Chapter Officials, of any changes brought about by elections and so on. There are certain to be errors in the listing -- we would like to get it corrected and up to date. If you see needed corrections, please advise Headquarters.

We have plenty of computer storage space for additional matters of interest to QCWA. We are, at this time, proposing that Headquarters establish and maintain an archive of material dealing with Chapters. Over the years, particularly for the very early Chapters, material just is not available. To the end of getting this effort in order, we are urging that each Chapter draw up a biography of its Officers during the years of its life....that is, we'd like to know the name and terms of service of every President/Chairman, every Secretary/Treasurer, and of every net-control station who have served. will enter this material in a data-base, and then maintain it into the future. While some of our old-timers are still with us, and can help, won't you please check up and make a listing of this vital material which, as the years go by will be lost unless we get it into shape now.

In connection with this activity, we need very badly, a complete set of all of the newsletters published by QCWA over the years. This material would provide a rich source of information for research, and we do not have them. We have, over the years, received perhaps a dozen mixed copies of newsletters....that's all, and while they're still around, now is the time to get a set bound up and in our library of books on QCWA matters. If you can help, we sure need it. I'm sure that those old newsletters will be the key to finding out something of interest not available otherwise.

As the biographical material become reasonably complete for a Chapter, we will publish it in QCWA news, thus permitting all to have the information, and giving us a good proof-reading too. WE Can publish two or three in each issue of the NEWS, and it will be interesting as well as informative.

NORTHWEST_CHAPTER_NO...

ANNUAL MEETING, QUARTER CENTURY WIRELESS ASSOCIATION, SATURDAY, JUNE 13, 1981



A great meeting, enjoyed by all: Those shown, L-R, Front Row: Albert Mowery, N7CT; Ray Etherington, W7FNC; Herb Williamson, K7LYT; Ray Stekly, W7GRM: Cal Morgan, W7SFT; Beth Taylor, W7NJS; Ethel Davish, W7WLX; Roy Devish, W7AZI; Howard Barton, W7U0; Marvin "Rusty" Johnston, W7ACP....2nd Row: Ernie Blind, W7DDQ; Roy Myklebust, W7GYB; Bill Bradley, N7BMX; Don Lotz, W7CWN; Hal Johnston, W7PN; Jack Reitsch, W7QEC; Dewey Wilson, W7HF.....Back Row: H. C. Lein, W7HNP; Irv Kridler, W7BTB: Chas. Williams, W7AN; Warren L. Green, W7JY; Russ Mollick, W7NMT; Bill Lozott, W7CA; Bill Reuter, W7KT; Merl Truman, W7BJK.

NORTHWEST CHAPTER No. 4 NEWS

The Northwest Chapter's big event of the year was the annual meeting and banquet held at the Holiday Inn, in Bremerton, WA, on June 13. At the afternoon business meeting, the newly elected officers took over their duties.... Cal Morgan, W7SFT, as Chairman and Ray Etherington, W7FNC, as Vice Chairman.

Nineteen new members have jointed the Chapter during the year. A memorial service was held for five members who have become Silent Keys. The Chapter will begin the formal Nets again on the Sunday following Labor Day with Sully, W7AGV, again as Net Control at 8:30AM (Local), on 3655 kHz; Ray, W7FNC, at 12:00, on 3952 kHz; Roy, W7AZI, at 1500, on 3952 kHz. Dewey Wilson, W7HF, Historian for the past 23 years, turned over his duties to Ethel Devish, W7WLX. Other assistants were re-appointed. It was voted to make Pauline, an honorary member of the Chapter. It was noted that Ruby Hoskin, W7QME, is recovering from recent throat Rusty Johnston, W7ACP, took Official pictures. surgery.

During the business meeting the wives heard speakers discuss beauty treatments and ways of improving diets.

Fifty-three attended the banquet, 31 being members. Golden Anniversary Awards were presented to Al Mowery, N7CT; to Merle Truman, W7BJK; and the Meritorious Award to a very surprised W7NJS. A Golden Anniversary Award was sent to Jim Barrows, W7BCT. The evening ended with an address by Charles West, W7EA, telling of his recent trip through China, illustrated with excellent sli-es.

All who are interested in receiving the bulletin issued by our Secretary/Treasurer, Hal Johnston, W7PN, may have it by sending him a dollar, and thus keep up with Chapter activities. -_ Beth, W7NJS - _

PREJUDICE IS WEIGHING THE FACTS WITH YOUR THUMB ON THE SCALES!

Photograph by Marvin Johnston, W7ACP

HOUSTON CHAPTER (27) had the pleasure of enrolling member No. 15,000, in QCWA this past spring. On May 11, 1981, we assigned Number 15,000 to Chester "Chet" Pascoe, WD5JGQ, in Houston, TX. He had been invited to membership by Bob Cox. AB5X! Bob took pictures of the event. Shown below are:

at left, Charles Thomsen, W5OP; Chet Pascoe, WD5JGQ and, Lem Decker, W5FFP, Vice President of the Chapter.



SYDNEY, AUSTRALIA CHAPTER No. 47

Harry Caldecott, VK2DA, wrote a short letter just a short time before he and his Lady left for the USA and Canada for a visit.

Harry reported that Bert Hay, VK2AE, now 82 years young, has come through two serious operations... still a bit shakey!

Harry and His xYL will visit San Francisco, Angeles and then to Guelph, Ontario where they expect to visit the Southern Ontario Chapter December 9, 1981. How we wish we could visit with

GERMAN CHAPTER No. 106

On July 5, 1981, The German Chapter met at Friedrichshafen. A good number of members were present, who signed in, below. The meeting featured the first time, in memory, that a President of QCWA visited one of our International Chapters. President Harry Gartsman, W6ATC, was present. Shown at the right, L-R, are: Gerd Jacoby, DL3ME, Vice Chairman of the Chapter. Harry Gartsman, W6ATC, President of QCWA and, Hans Schleifenbaum, DL1YA, Chairman of German Chapter. It was a wonderful meeting!

Hans, D2148 Sent DL 3 WE

JEMN LX 1 JW Feller DL 6 VL

JEMN DL 1 PH & XTL

DL 9 RW QUE

DL 9 RW QUE

DL 1 ES DL6 VW Wirmer Thistian HB9LW Karl DLILT Gener DLIJE

Grorge YOBRF Fritz DL3ED Einil HB91P Maein 2718N



lung 1640 -Hoins DL9CC G.XYC Ante DLIS'F OHO DJITC +xyC Juna DL9PR Has DL9FR

he May Meeting of the German Chapter was held aboard the motorship - Wappen von Franken -, on the Main-river, from Wuerzburg to Randersacker. 22 QCWA members and guests were present during the three day get-together.



Those present for the outing were, L-R, in picture:

DL3ME, DK9ZH, DL1YA, DL1ES, Captain, XYL of DL3ZI, XYL of DL3ME, DC1ZZ, DL9AR, DL1LZ, XYL of DL9AR, XYL of DL1YA, XYL of DL1Z, XYL OF DF2MG, XYL of DL7PH, DL7PH, DF2MG, DL3ZI.

On July 18, 1981, members of the German Chapter travelled to Krems, Austria, for a joint meeting of members of QCWA in Austria who are in the process of forming a Chapter.

Those in attendance were:

DL1YA, OE3RE, OE9SLH, DJ3TQ, DCØCI, LX1JW, OE1FF and, OEICI

Pictures of the joint meeting were taken, but were too dark to permit half-tone prints for reproduction in QCWA NEWS.

Hans, DLIYA, wrote of the July meeting at Friedrichshafen: "About 50 QCWA'ers, XYL's ang guests were present, with Harry Gartsman, W6ATC, President of QCWA on hand to present me with a plaque for recruiting new QCWA members. Harry was welcomed by all members in attendance. We hope that he will be able to make another visit soon."

Jean, LXIJW and myself had a fine trip to Austria. There are now 14 members there, so all is OK. The Chapter Charter request will come to you in about 3 weeks. Weather here at times sunny, very warm, up to 30 degrees Celsius, with a little rain this evening (August 3, 1981).

QCWA, INC. 1409 COOPER DR. IRVING, TX 75061

Gifts to the QCWA SILENT KEY MEMORIAL FUND are tax exempt. Records are maintained at Head-quarters so that representations to the IRS can always be supported. Your help in getting us over the top is urgently needed...and will go a long way in helping young people. They need you and QCWA needs you!

OK, I'M SOLD, COUNT ME IN, HERE'S MY GIFT!

		AMOUNT SENT \$
Name	Call	Membership No.
Address		

SAN DIEGO CHAPTER No. 14

In the picture, at right, Bernie Bernardini, K6UV, Vice President of the Chapter makes presentation of the Golden Anniversary Award to Hoppy, W6SO.





At left, Chapter Secretary, Si Morrison, W6OSD, presents a plaque of appreciation to Ruth and Dave Hannah for their \$1000 gift to the QCWA SILENT KEY MEMORIAL FUND.

COASTAL CAROLINAS CHAPTER #118

Received too late for the summer issue, the picture below was taken in Raleigh during the Chapters Spring dinner gettogether at Howard Johnsons Restaurant. In the picture, L-R, are: Bob Knapp, W40MW; Mary Knapp, W4UTO; Bill Finch, W4EHF; Bob Johnson, AA4L and Carl Pressler, Jr., W4LPL. At the meeting these members were elected Officers for the 1981/82 season.



- - - Bob Knapp, W40MW -

Larry Kebel, NØCAW, 736 39th Street West Des Moines, IA 50265, USA, is publisher of a newsletter entitled "Contests & Awards."

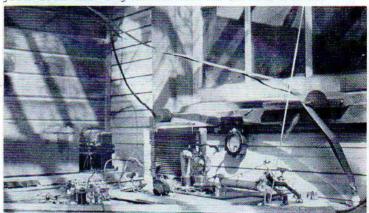
Portuguese Chefs claim to have 365 ways to cook codfish.... perhaps, if we could get them to turn their attention to carp?

QCWA NEWS, WINTER ISSUE, WILL CONTAIN SOME IDEAS ON RFI....IF YOU WISH TO CONTRIBUTE TO DISCUSSION AND GIVE US YOUR VIEWPOINT, PLEASE GET YOUR MATERIAL IN TO HEADQUARTERS NO LATER THAN OCTOBER 20 SO THAT IT MAY BE INCLUDED.

WE WILL BE GLAD TO HAVE TECHNICAL MATTERS, PURE OPINION, AND LEGAL DISCUSSIONS AS A PART OF THIS ISSUE GIVEN OVER TO A SERIOUS PROBLEM FOR AMATEUR AS WELL AS COMMERCIAL USERS OF RADIO TRANSMITTING EQUIPMENT.

SOLUTIONS WE MAY NOT ARRIVE AT, BUT WE CAN CLEAR THE AIR. WHY NOT PITCH IN AND HELP WITH IT?

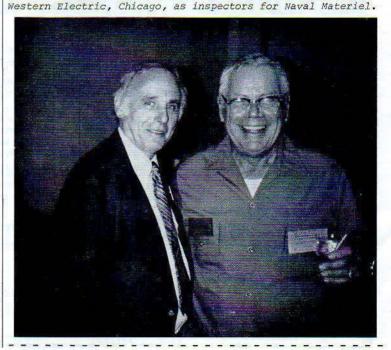
John G. Beckley, KG4L, sent the picture below. A good 1921 ham rig described in John's words:



My first 5-10 watt CW trasnmitter located on a shelf above the spark transmitter. Plate voltage from a 500 volt xfmr and jelly jar rectifiers. The final inductance was edge-wound copper ribbon. Keying through an old telegraph relay at the left. One of the tubes was of WE manufacture, the other RCA. This low pwer CW worked rings around the 1 kW spark. Various circuits were tried, but the Hartley worked best for keying...note the "Rube Goldberg" method of activating the CW xmtr by means of a string over a pulley to the radio receiving room thus closing the sw to the right.

Pictured below, at left, Harry Gartsman, W6ATC, with John zwaska, W4WKQ, at Orlando, FL during the October, 1980 meeting of QCWA. It was their first meeting since working together in

John, 9AJH, W9EUL, WB4WDH & KG4L.



OCWA FUNTEST

SUMMER Q	CWA FUNTE	ST ANSWER	RS RECEI	VED	
Call	No. 1	No. 2	No. 3	No. 4	No. 5
Correct	120/ 240°	90/ 270°	-4	38.7 Mi	3980 W
W2OUX	120/240	90	-4	38.6	4000
K4OJ	120/240	90	-4	38.9	1995
W6JMA	none	none	-4	38.7	3981
W5HD	120/240	90	-4	40	4 kW
K4IHX	120	90	-4	38.7	4 kW
W8SM	120/240	90/270	-4	38.7	3981
KB4W	60	0/180	-4	44.3	4000
W7MRX	120/240	-	-4	39	3981
W9QB	120/240	90	0	38.7	4000
W2bde	120/240	90	-4	44.6	4000
W3WU	120/240	90	-4	38.7	4000
W6WL	120/240	90/270	-4	27.5	4000
W2WAN	120/240	90/270	-4	44.6	4000
W2NF	150/210	90	-4	38.7	4000
WIKUL	60/-60	90/-90	-4	38.9	3981
WIFTA	-6-	(-4	-	3980
W3YX	120/240	-	-4	38.7	4 kW
WIWDD	The state of the s	90/270	-4	38.7	4000
W8DXT	120/240	90/270	-4	40	4000
W9NZF	- Carried - Marie	Lenson 2	2.2	38.7	-
K6MO	120/240	89/269	-4	38.7	3981

SUMMER FUNTEST PROBLEMS WORKED:

- No. 1: Find the angles which satisfy: $3\cos\phi + \cos\phi - 2\sin 2\phi = 0$ 4 cos \emptyset - 2 sin 2 \emptyset = 0 4 cos \emptyset = 2sin 2 \emptyset and divide by 2 2 cos \emptyset = sin 2 \emptyset sin 2 \emptyset = 2sin \emptyset cos \emptyset (identity), divide cos \emptyset = sin \emptyset cos \emptyset answer is 90° and 270°
- No. 2: $2\cos^2 \phi 3\cos \phi = 2$; Solve for all \leq 160 degrees. $\cos^2 \phi 3/2\cos \phi = 1$ dividing by
 - dividing by 2 cos² - 3/2 cosø + 9/16 = 25/16 (adding the square of 5 the co-efficient of cos ø to each)
 - cosø -3/4 = 5/4 (factoring & extract square root of both) cosø = 2, 5 ø = 120 or 240 degrees.
- $(1+j)(1+j) = 1+2j+j^2 = 2j$ $(1+j)(2j) = 2j+2j^2 = 2j-2$ $(1+j)(2j-2) = 2j-2+2j^2-2j = -2$
- No. 4: Earths radius = 3959 miles Earths radius plus tower = 3959.189 Miles A line from tower top to point of tangency with earths surface is our unknown. The solution is: (3959.189² - 3959²) = 38.7 Mi.

No. 5: Handle by dB method is easiest

dinen.

021011	Input W.	Output W.	Rover
	1000 30 dBW	700 28.45dBW	0 dB
Increase	receiver	to 6 dB	
	3980 W 36.0dBW	2786 W 34.45dBW	6 dB

Dallas Chapter of QCWA had a fine get together September 5, 1981. About 45 members and quests attended and heard Al Marquardt, W5PXH, talk on inter-ference (RFI). Now, Al doesn't like to hear "Interference"...preferring instead "Interception." It was a fine talk, and, when Al gets going good, no one can get a wink of sleep!

Visiting was old friend, Bob, K5HUJ, from Vinton, LA and his son, Sidney.

Meetings are held the 1st Saturday of each Month. Guests are welcome!

PALM BEACH CHAPTER No. 111



At our meetings in May & June, I had the privilege of presenting Golden 50-year Awards to two Chapter members. At the left, Bill PHelan, W2AWA receives his Award. the picture, L-R, are: El. Hermanson, W4CQL, VP Bill Phelan, W2AWA, past President; Ed Koeper, W4ZQT, Chapter President and, Vern Olsen, W4YNR, Scty/Treasurer.

In the picture, at right are: L-R, El Hermanson, W4CQL, VP; Floyd Hermanson, W4NF1; Ed Koeper, W4ZQT, President and, Vern Olsen, W4YNR, Scty/ Treasurer.

Floyd, W4NFI, is a past president of Sailfish Chapter, and a member of Palm Beach Chapter. Congratulations to both!



Palm Beach Chapter now has 12 members with 50 Year Golden Awards, which represents over 600 years of Amateur Radio... Palm Beach Chapter sends regards to all QCWA Members!

- Ed Koeper, W4ZQT -



OCWA IS FELLOWSHIP

FALL, 1981 QCWA FUNTEST PROBLEMS

This Fall we've really got a mess for you to comtemplate. The problems run from simple algebra to typical MENSA variety. Typically, QCWA Members enjoy problems not associated with radio theory -- so -- that's what what we've put in this time. If you can't get them all, do what you can. Some are pretty tricky!

1. Fill in the blanks for the progression below:

1 2 ____

2. Find the value of: sin(cos-1 ø)

Hint: inverse function!

- 3. A plane is travelling N 000° E, at a speed of 184 MPH. If the wind is out of the east at 60 MPH, find the direction and speed of the plane.
- 4. Solve:

$$\frac{3}{x^2 - 25} + \frac{1}{x + 5} = \frac{2}{5 - x}$$

- 5. Find the equation of a circle passing through the rectangularly plotted points: (2,6), (7,4), (-3,5)
- 6. Find: The number of 5-card poker hands (52-card deck) having two pairs and one odd card.

A Few good radio-electronic definition terms are offered by Ed Kirchhuber, K4JK, from Elmont, AL.

BROADBAND - All girl orchestra

VARIABLE RESISTOR - A date that sometimes will & sometimes won't

CONDENSER - Best part of a still

RC NETWORK - Taste Test for COKE

TOP LOADED - 42-26-36

AVC BUSS - Van for senior Citizens LOWER SIDE BAND - Ghetto music group

COLORADO CHAPTER #58

With Summer almost over, Chapter members have elected Officers for 1981. They are:

Lu Oldham, WØZJ, President Rudy Fliescher, WØNST, V.P. Sol Abramowitz, WØWSK, Scty/ Treas.

Directors elected are:

John Scott, WØQIH Lou Harrington, WØLM George Bonham, WØBWH Hal Beaver, WØLYB Barney Wooters, W5KSO

QCWA Breakfast every 2nd Saturday, each month--9AM, at Denny's Restaurant, 3600 Fox Street. YL are welcome, visitors too.

Some thought is being given to a move of the on-the-air meeting ... Change to 9AM, Sunday, local, and on 7290 kHz, instead of 3905 your comments will help.

- Lu. WØZJ -

NEW MEMBERS ELECTED TO QCWA

	IAE AA	MEMBERS EL	LUILU	TO QUITA
05-11-81	15,001	John Genega	W2JPD	Kenilworth, NJ
	15,002	Jack Cole	K8TBT	Dublin, OH
	15,003	Joel E. Lichtenstein	W8CQP	Rockville, MD
	15,004	Hans Dreyer	DL1ZQ	Walldorf, FRG
	15,005	Willi Koerstgens	DL6IW	Toensivorst, FRG
05-12-81	15,006	William Eugene Behnken	W4ESP	Savannah, GA
	15,007	Roy T. Garrett	WSTBU	Marysville, MI
	15,008	Marvin J. McGarity	W4WU	Birmingham, AL
	15,009	L. Edward Kane	W6ONT	Lakewood, CA
	15,010	William F. Mendenhall	WD6GHF	Signal Hill, CA
	15,011	Jim Tomer	W6CYM	Windsor, CA
	15,012	Maurice Harvey	K2SVV WØGFU	Johnson City, NY Meade, KS
	15,013	Myron E. Hornbaker		Yukon, OK
OF 17 01	15,014	Robert E. Runyon	AAØO K4IOF	The state of the s
05-13-81	15,015	Woodrow A. Wall Everett H. Colburn	W2VYX	Marion, NC Ilion, NY
	15,016 15,017	Charles K. Johnson	KC4UQ	Great Falls, VA
05-15-81	15,018	Horace W. Fuller	SVØBT	Spetsai Island, Greece
03-13-61	15,019	Edward E. Parsons	K4IOY	Knoxville, TN
	15,020	Kenneth M. Price	XEITIS	Irapuato, GTO
	15,021	Gene M. Kelsey	WB7CMX	Corvallis, OR
	15,022	Charles Bill Calhoun	K8BAR	Conneaut, OH
	15,023	Maxine Hanberry	WA6A0E	Hesperia, CA
05-18-81	15,024	Harold R. Hall	W8QHG	Barboursville, WV
00 10 01	15,025	Ralph R. Behnke	KC5GZ	Fort Worth, TX
	15,026	Paul L. Gregory	W8NPE	Redington Shores, FL
	15,027	John Herring	VE3MS	Mississauga, ONT
	15,028	Alfred E. Schwaneke	WØGS	Rolla, MO
06-03-81	15,029	William A. Wilson	K6AR0	Los Angeles, CA
	15,030	Joe E. Anderson	K8BCH	Cross Lanes, WV
	15,031	Robert W. Agans, Sr.	WA3EPA	Oreland, PA
	15,032	Eldon Ryan	K6BRP	Torrence, CA
	15,033	Lockhart J. Pingree	KB7TQ	Phoenix, AZ
06-04-81	15,034	Henry H. McDonald	K4DJV	Maryville, TN
	15,035	Irwin Morrison	KD6WR	Los Osos, CA
	15,036	Fleater Palmer Jr.	KA5DYX	Shreveport, LA
	15,037	Arnold K. Johnson	W9DNV	Genoa, IL
	15,038	Warren P. Hager	K2UFM	Hillsdale, NJ
	15,039	William F. Vollmer	KB6JQ	San Diego, CA
	15,040	Herman E. Irwin	W5NBH	Del City, OK
	15,041	Linn P. Towsley	W8JZV	Zephyrhills, FL
	15,042	Norma W. Moskey	W1MUW	West Hartford, CT
	15,043	Benjamin D. Marcy	KA1FQD	Manchester, NH
	15,044	H. Wayne Simpson Will Monola	W4HUT	Memphis, TN Erie, PA
	15,045	Pete Zanni	W3WBA W8DUO	Amherst, OH
06-05-81	15,046 15,047		W3UCZ	
00-03-01	15,048	Fred E. Byrd T. K. "Ted" Touw	N4AKD	Erie, PA Waynesboro, GA
	15,049	Robert W. McCain	W4VDW	Memphis, TN
	15,050	Meir Sagie	4X4JI	Kiriat-Gat, Israel
	15,051	James T. Campbell	KB2ZC	Waldwick, NJ
06-06-81	15,052	J. Wallace Bell	K410Q	Chattanooga, TN
00.00.01	15,053	Fletcher P. Findley	KIØU	Eagan, MN
	15,054	R. C. Thompson	KA3BKW	Easton, MD
06-06-81	15,055	Ralph Rusca	W5CB	New Orleans, LA
00-00-81	15,056	John Farrell Strahan	WØARY	Pittsburg, KS
	15,057	Ralph J. Wagoner	W4VVO	Daytona Beach, FL
	15,058	John W. Harper	W5SNF	Fort Worth, TX
	15,059	Joe Schulman	K6BWA	Sylmar, CA
	15,060	Adam Sucheta	SP9DH	Krzeszowice, Poland
06-08-81	15,061	Shimon Wolpe	4X4CL	Rehovot, Israel
06-15-81	15,062	Jack Floyd	W5DXR	Richardson, TX
	15,063	Emma "Guy" Kramer	KA6IDL	Fallbrook, CA
	15,064	Paul Marshbanks	W8ROT	Southfield, MI
	15,065	Norman M. Wilson	W5FLO	Midwest City, OK
	15,066	Harry R. Sanderson	VE3AHW	Guelph, ONT
	15,067	Richard W. Polsgrove	K6CUW	Fullerton, CA
	15,068	Philip D. Rowley	KØZFL	Alamosa, CO
	15,069	George K. Ashenden	W4BG	Alexandria, VA
	15,070	George T. Siegel	W3VHU	Clarks Summit, PA
	15,071	Galen M. Haven	W7HHU	Oak Harbor, WA
	15,072	Harry G. Bellows	KB8MX	Mt. Clemens, MI
	15,073	William L. Hendrick	W7YUY	Eugene, OR
	15,074	Bill Armstrong	KA8FFQ	Berea, OH
	15,075	James B. Donohue	W9KJY	Burlington, IL

CENTRAL OHIO CHAPTER #71

Central Ohio Chapter held it's regular meeting June 21, 1981, at Longhorn Restaurant, Reynoldsburgh, OH. There were 29 members in attendance including wives. An excellent meal was served and enjoyed by all. All were urged to attempt to attend the QCWA National meeting in Cleveland to be held in September. The 1981 election of National Officers was discussed and the three candidates who had written the Chapter were mentioned by name as requesting our votes.

Bill McFadden, W8CBL, was elected to Presidency of the Chapter. The new Board of Trustees are: Dan Umberger, W8ZCQ; Dick Johnson, W8CFG; and Otto Geyer, W8EA.

Following a business meeting, Al Shirk, presented a delightful talk on satellite equipment and performance.

Mm. E. McFadden

COASTAL BEND CHAPTER #101

On July 7, 1981, during the regular summer meeting, Chapter No. 101, an election of officers was held. Paul Belian, WSDYV, was elected President; Joe Barr, WSGMT, was elected Secretary/Treasurer.

Chapter members were saddened to hear the announcement of the passing of H. T. (Tiny) Walton, WSROH, on May 10, 1981. At the time of his death, Tiny was living in Kerrville, TX.

The Chapter gave special recognition to three generations of hams, all in one family. Pictured below, they are

Dr. Roemer J. Best, W5RPH, Stephen R. Best, WB5PIU, Dr. Roemer O. Best, W5QKF.

Congratulations to Doc Best, who has done much for amateur radio through the years....and, given us two good generations of hams, his son and his grandson!



The Corpus Christi (Coastal Bend) Ch. now has 46 members in good standing!

- Paul, W5DYV -

DETROIT METRO CHAPTER 61

Greetings from Detroit Metro Chapter!

Our March, 1981, meeting drew a record crowd, and all reall enjoyed the slides and commentary presented by W8HP, Walt Williams. A special surprise at this meeting was the presence of former Police Inspector, Ed Densteadt, recently retired from the Detroit Police Communications. Seven of the QCWA group present, indicated that Ed was their radio instructor at local Cass Technical High School, years ago!

Our May meeting featured Mr. Ed Stickafus, Ph. D. He is manager of the Long Range Research Department, & Staff Engineering of the Ford Motor Company. Being a former professor of physics at the University of Denver, & well acquainted in his field, he made a presentation of properties of light. This also included a demonstration of laser beams. A most interesting and entertaining evening enjoyed by all...

Two of our former members, W8BDR, Del, and W8EGF, Bill, have now moved to AZ for permanent residence. AZ Chapter, take note!

- Len Kerzka, W8IHX -



Ray Moore, K4DK, with his Golden 60-Year Certificate. A member of Chattanooga Chapter, QCWA....

HOUSTON CHAPTER No. 27 LOG

Chapter Secretary, Bob Cox, AB5X, has been moving to a new house...right now needs an antenna raising crew.

The Chapter issued a financial report. Quite a few of the members worked hard in an effort in support of Hal Sears as candidate for President of QCWA.... The balloting is over now and we're all ready to work for the benefit of QCWA!

The next Chapter meeting scheduled is at Allbriton's Cafeteria, August 22... hope you were there!

NEW MEMBERS ELECTED TO Q	CWA	4
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	INL	A MICHIDERO EFE	CIED	TO QCWA	6
	15,076	Forrest C. Blood	KB7UW	Lake Oswego, O	R
	15,077	Walter A. Wessel	WØCM	Liberal, K	S
	15,078	Martha Wessel	KØEPE	Liberal, K	S
	15,079	Edgar F. Bigbie	W4MMQ	Savannah, G	
00.45.04	15,080	Charles W. Austin, III	W1 INN	Ashaway, R	I
06-17-81	15,081	Russell N. Kulp, Sr.	W3VLE	Jefferson, M	
	15,082	Richard L. Baker	WA40MX	Lutz, F	
	15,083	David J. Arnold	W8DXX	Joliet, I	
	15,084 15,085	William C. Stoneman Stan McKean	W7QLT KØTBB	Renton, W. Kansas City, M	
	15,086	Anthony T. Maruca	W9NPK	Kenosha, W	
	15,087	Philip H. Robinson	VE3CUR	Ottawa, ON	
	15,088	Charles L. Richey	K9DUE	Springfield, I	
	15,089	J. Foy Guin, Jr.	W4RLS	Birmingham, A	
	15,090	Walter E. Hastings	K5ELN	Jackson, M	
	15,091	Walter Schemmel	AE9Q	McHenry, I	
	15,092	Guy Coro	W1EWW	Waterville, M	A
	15,093	Darrel Gene Cox	N3AJQ	Barto, P.	A
	15,094	Norm Davis	K6PHV	Cambria, C	
	15,095	J. Bryan Graham, Jr.	W5VXV	Texas City, T	
	15,096	Perry G. Brittain	WSSII	Dallas, T	
	15,097	Robert "Bob" Olney	NSNT	Richardson, T	
	15,098	Ivan Harrison	W5HBE	Dallas, T.	
	15,099 15,100	Thomas R. Green Ron Adair	KA9JJQ K5HFT	Fort Worth, T. Arlington, T.	
	15,101	Eugene Vandersmissen	WB5ASA	La Marque, T	
	15,102	John H. Dykes	W5RON	Arlington, T	
06-18-81	15,103	Robert C. Miedke	WØRSL	Dallas, T	
	15,104	John L. Parson	K5D0I	Colleyville, T	
	15,105	George Kraus	WØEUQ	Grand Forks, NI	
06-18-81	15,106	Randall F. Counsman	W4UXW	Shalimar, Fl	
	15,107	William R. Thomas	W8AIW	Elberta, M	Ι
06-19-81	15,108	Reynolds B. Davis	KØGND	Lincoln, NI	E
	15,109	Herman F. Schnur	K4CTG	North Charleston, So	
YOR HENDS NAV	15,110	Karl Kauper	DL9NM	Nurnberg, W-Germany	Take to the
06-22-81	15,111	Jim Hamlin	W7FKI	Beaverton, Ol	
	15,112	Ray Hammitt	K5HWQ	Arlington, T	
	15,113	Ed Fistor	KD6ZF W4HMO	Sunnyvale, CA Jacksonville, F	
	15,114 15,115	Charles W. Walters Jim Varner	AE6N	Corona, CA	
	15,116	Rothwell C. Smyth	W8FZL	Battle Creek, M.	
	15,117	Robert James Brown	WB8LKW	Conneaut, Ol	
	15,118	Walter Camuso	W1ESN	Vero Beach, Fi	
	15,119	Joe D. Etheridge	W4WXH	Selmer, Ti	N
06-26-81	15,120	John M. Lord	K4ELV	Birmingham, Al	L
	15,121	Louis F. Sander, Jr.	W3BOA	Pittsburgh, PA	
	15,122	Al Wendelbo	KK60	Long Beach, Ca	
06-29-81	15,123	Donald S. Jefferies	W4EXE	Mobile, A	
	15,124	Carmela M. Jefferies	K4HJR	Mobile, Al	
	15,125	Tom Wyatt	K4GJJ	Mobile, A	
	15,126 15,127	Ray Prolsdorfer	W4CRY W7UAD	Mobile, Al Centralia, W	
	15,128	Alvin M. Hopkins Charles Barnhart	W9ARC	Mobile, Al	
06-30-81	15,129	Stanley W. Head, Sr.	W4BBD	Columbus, Ol	
00 00 01	15,130	Henry N. Bragg	W5LVC	Daisy, Ti	
	15,131	Basil B. Gordan	W1TB	N. Windham, M	
07-02-81	15,132	Charles W. Schecter	W8AMY	Davison, M	Ι
07-06-81	15,133	David E. Hudgins	W9VY	Peoria, I	L
	15,134	Donald J. Morris	W5TMM	Oklahoma City, O	
07-07-81	15,135	Leigh C. Alexander	W1GCX	Sidney, M	
	15,136	John H. Brown	W7CKZ	Olympia, W	
	15,137	W.V. Williams, Jr.	W4YWY	Macon, G.	
	15,138	Jeptha H. Crosby	W8HXH	Cleveland, O	
	15,139	Ross A. Sheldon	K4HKD	Huntsville, A	
	15,140	Leo Shapiro	W2IHR OE8 IM	Belmar, N Klagenfurt, Austri	
07 00 01	15,141	Josef Moitzi	OE8JM OE6DN	Leoben, Austri	
07-08-81	15,142 15,143	Karl Pansi Joseph H, Alcox	OE6PN K6PJF	Redding, C	
07-10-81	15,143	L. J. Boldebook	W5PYQ	Harleton, T	
	15,145	Manuel A. Corp	WD4ACJ	Miami, F	
07-13-81	15,146	Charles Willett	W1ESP	Warren, P.	
AND THE RESERVE	15,147	A. C. Doty, Jr.	K8CFU	Fletcher, N	
	15,148	William K. Harding	K4AHK	Burke, V.	
07-14-81	15,149	Jack E, Bayha	W6RZQ	Canoga Park, C	
	15,150	Donald D. Ralston	W8SFI	Steubenville, O	
	15,151	James W. Fletcher	W7FHM	Eugene, O	R

NEW MEMBERS ELECTED TO QCWA 15,152 Donald D. Reid W9RWD Tremont, IL Henry W. Herman 15,153 WILLI Potomac, MD Chicago Heights, IL 07-15-81 15,154 Bernhardt C. Mack W9YGG 15,155 Thomas D. Keegan N2CRF Endicott, NY 15,156 John W. Bradley W60BM Rancho Santa Fe, CA 07-16-81 15,157 Norman H. Bradshaw W8EEF St. Joseph, MI 07-17-81 15,158 Alexander R. Guenther DIGRW Frankfurt, Germany 15,159 Kurt Krichenbauer OE3KK Brunn, Austria Franz Wanzenboeck 15,160 OF 3W7 Thaya, Austria 15,161 Alois Pendl OE6AP St. Peter, Austria 07-17-81 15,162 Gustav Zimmermann OE7ZG Innsbruck, Austria 15,163 Richard Teyrowsky OF8RT Klagenfurt, Austria 07-22-81 Dennis P. Moriarty K8AGB 15,164 Canton, OH Flat-Rock, NC 15,165 David E. Veltman K4AMS 15,166 John McCawley WSOFG Chickasha, OK 15,167 Erwin J. Donadt N4CRD Port Richey, FL 15,168 Claude Stanaland K5AVG Tulia, TX 15,169 Harry D. Thomas KA1NH Commack, NY W4OVG Shady Valley, TN 15,170 Robert B. Boyd 15,171 Thomas J. Liska K9CJM Wisconsin Rapids, WI 15,172 H. D. Collette KY4.T Chicago, IL 07-23-81 15,173 Hans Krejci OF8KT Kaernten, Austria 15,174 James D. Lindley K5EWS. Austin, TX 15,175 George C. Gammell W4CFD Covington, GA 15,176 Larry Bishop W4RZW Memphis, TN 15,177 John L. Anderson AG4M Oak Ridge, TN 15,178 E. Leonard Groves VE6VN Alta, Canada 15,179 Emmett D. Murphy WAGNNP Riverside, CA 15,180 William D. McMurray K4SG Cary, NC Jerry Ostrer 07-24-81 15,181 AF7P Vancouver, WA 15,182 Carl J. Di Paolo W7EXH Eugene, OR 15,183 Elmo H. Rushing W4IIBA Jackson, TN 15,184 George K. Burton K6MFI Red Bluff, CA 07-25-81 15,185 Harry A. Maclaren W5FG0 Gretna, LA 15,186 H. Frank Gill N5ACL Shreveport, LA 15,187 Thomas B. Mexicott, Jr WSEDO Englewood, FL 07-27-81 15,188 Richard D. Ralston K4LFF Yulee, FL 15,189 Milan R. Burger KA4TKS Durham, NC 07-28-81 15,190 Raymond H. Traynor KKØS Wichita, KS 15,191 Norris B. Hamlin K1YX0 Auburn, ME 07-29-81 15,192 Frank Friedl OE1FF Wien, Austria 15,193 Hans Schischka OEICI Vienna, Austria 15,194 Peter Schenkl OE9SLH Bregenz, Austria 15,195 07-30-81 Harold F. Stoner K6BUD Calimesa, CA 07-31-81 15,196 Robert J. Patterson KA4UJI Hollywood, FL

SAN ANTONIO CHAPTER No. 38

The last Chapter meeting was a good one..quite a few xyls & Bobo's sons & others visiting. Good to see Ruth Dennis, and Peggy DeLay attending. DO COME REGULARLY!

Hats off to Louis who works hard in his job with QCWA. Louis showed films of a long-horn cattle drive from San Antonio to Abilene, of YO Ranch cattle with Chill Wills narrating....a great program.

In the pix below, Johnny Bruemmer, W5LVE, receives his trophy from Master of Ceremonies at the Tortilla Tossing Tournament, at Brackettville, TX. won the Amateur Radio Divsion of that meet! Held May 16. Derwin King, W5LUU, was second and Larry Osborne, W5TTW, of Del Rio was third....winning distance with plain old moist-flour tortillas, soft from the package, was 95.8 feet...congratulations, Johnny!

Frances, W5KQG mashed her first finger and writes with a limp!



Pix by George Loos, W5LFG.

CENTRAL OKLAHOMA CHAPTER No. 63

Jim Baremore

15,202 Kurt Hindschedler

Charles W. Dumm

Martin L. Bandler

Ralph Van Scoyk

Willy Lemensiek

The Chapters August 16, 1981 meeting, scheduled for the Ramada Inn will feature good food and fellowship. members were active in the Ham Holiday meeting, with 73 members and guests in attendance at the QCWA breakfast.

A nominating committee has been appointed for the annual election. We will be electing a Chairman, Vice Chairman & two Board members for a two year term beginning at the January, 1982 meeting following election and installation at the November meeting, scheduled for the 15th. The nominating committee will be chaired by Ivan Miller, W5HFU, with Bob Ashby, W5HXL and George Lagaly, W5NTL, as members. Mel Bolger, W5AXM, nominating committee chairman for our last election will also serve in advisory capacity.

2nd Quarter on-the-air attendance was very good. 100% attendance was achieved by 11 members: W5AA, W5AS, W5ATO, W5EHR, W5FIJ, W5HXL, W5HZD, W5NTL, W5OFG, W5OZE and W5VEJ. Those who missed only one meeting were: W5EIO, W5HFU, W5NL, W5LVQ, W5RB, W5REC and W5YPN....congratulations to all.

-Ralph, W5AA -

K5QQ

K60XK

K3EEX

K4FOD

DL1QQ

HB9MX

ROADRUNNER CHAPTER No. 94

Albuquerque, NM Oakland, CA

Fairhope, AL

Altamonte Springs, FL

Winterthur, Switzerland

Burganger, Germany

THE SUMMER MEETING OF THE ROADRUNNER CHAPTER Chapter (94) WAS HELD ON JUNE 20, 1981 AT THE HOME OF JIM (W5RKS) AND EDITH POORE.

> K5BN WAS ELECTED TO FILL HAYDEN C. COKER, THE VACANCY ON THE BOARD OF DIRECTORS CAUSED BY THE DEATH OF EINAR MORTERUD, WSFPB.

> HARRY WATTSON, W20V ACCEPTED THE POSITION OF NET CONTROL FOR A OCVA WHF NET. THE NET WILL BE HELD AT 2000 HRS LOCAL TIME ON THE FIRST TUESDAY OF EACH MONTH. THE FREQUENCY WILL BE 146.58 MHZ SIMPLEX, AND THE FIRST NET WAS HELD ON JULY 7, 1981.

> "BILL" OBRIST, WILLIAM WSFT (QCWA# 10256) BECAME A SILENT KEY ON JUNE 18, 1981. BILL WILL BE GREATLY MISSED BY ALL WHO KNEW HIM.

A POTLUCK DINNER, ORCHESTRATED BY EDITH, FOLLOWED THE BUSINESS MEETING. THE FOOD DELICIOUS AND A VERY GOOD TIME WAS HAD BY ALL.

> in Retlone JOHN A. PINKERTON W5VF

08-01-81

08-03-81

08-04-81

15,197

15,198

15,199

15,200

15,201

GATOR CHAPTER No. 32

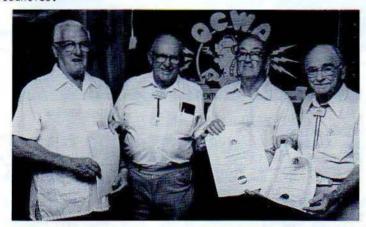
Our attendance has held up well during the summer at our meetings. Meetings are unofficial and no business is voted on. Our first official meeting will be October 3, at the Suncoast Convention in Clearwater. We will host a Sloshpitality suite and a QCWA Luncheon.

Our Chapter submitted comments and recommendations on the proposed "Plain Language Rules". Some of these rules are absolutely ridiculous. Our Chapter presented the Clearwater Library with a set of ARRL publications.

Two new members were welcomed to the Chapter....Fred Herman, W4WWW and Ralph Barr, WØDNO. Bill Franklin, W4KC, was issued a 65 Year Certificate and Virgil Lewis, W2NXW, received a 55 Year Certificate. Rudy Nelson, K4NR, attended the July meeting after a long illness and he is looking very well. Vern Parks, K41GO, had a massive stroke and is recovering slowly. It happened on the dat he was getting married. H. F. Barnard, K4NB, is now home from the hospital. We are sorry to report that Robert James, W4WS, is now a silent key.

Our Chapter provided the net-control operators for the State of Florida QCWA SSB net on Sundays, at 12:30PM, on 7255. The operators were: W4BUB, K4JMH, W4BK and W41RA.

At our August meeting, Les Pulley, W4DH, gave a talk on the space shuttle and the problems encountered in the first launch. It was very interesting. Ed Powers also spoke on the St Petersburg Amateur Radio Club weather net that meets on 2 meters. This group assisted in the preparation of the hurricane preparedness program set up by the Tampa Bay Area Counties.



In the picture above, L-R, Bob Wettengel, KC4JD, receives a 60 Year Certificate, Lou Weber, K4HWS, President of Gator Chapter and Virgil Lewis, W2NXW, receiving his 55 Year Certificate. Bill Franklin, W4KC, receives his 65 Year Award!

Two Gator Chapter members ran for national office....Art Monsees, W4BK, was re-elected as Treasurer by a landslide, but Wes Randles, W4COW, was nosed out by a few votes.

BEAVER STATE CHAPTER No. 108

The May meeting of Beaver State Chapter was held in Eugene, at Oh, Susannah's restaurant, at 2 PM, with 45 members and friends in attendance. Fried chicken served family style, was enjoyed by all. The meeting was called to order by the President, W7UIU, Jay Teed. A moment of silence was held for the memory of Robert Nagle, W7MDN, of Port Orford, who became a silent key since our last meeting.

Election of Officers was held, and the newly elected are:

Mac McLean, W7WPM, President Byron Richards, K7AII, Vice President Henry Truax, W7BGR, Secretary/Treasurer

LONG ISLAND CHAPTER No. 81

More than fifty-two members of LIQCWA shared libations and dinner at the Coral House, Baldwin, Long Island, during its meeting held June 11, 1981. The dinner was so-so, the libations were excellent, as usual.

Our guest was Jeannie Chittenden, WA2BGE, of Syosset, L. I. Jeannie had put together an entertaining collection of colored slides made in China during a recent visit to the Peoples Republic, and of course she narrated each of them. She had made the presentation at a number of gatherings, most recently at the Dayton Hamvention. Those of us living New York commonly accept the fact that cars throng the streets and parking lots. To see five-thousand bikes, all parked in a lot, is another thing, but common in cities visited by Jeannie. Maybe New York needs a lesson in getting around other than by subway and railroad?

If the annual picnic does not materialize in August, see you in October. you in October. - Bob, W2FRX - _ _ Bob, W2FRX - _ _ _

IN MEMORY OF OUR FRIEND

Harry W. Jackson, W7MCW, passed away February 9, 1981 at the age of 75 years, 4 months and 2 days. Harry's birth place was Fonda, IA, and the date was October 7, 1905. His radio career started in 1928 as a commercial operator. Later on, in 1939, he went into the United States Navy as a radio operator. It was not until 1948, while Officer in Charge of the Naval Transmitting Station on Bainbridge Island, that he became interested in Amateur Radio & March 10, 1948, was issued W7MCW. During his radio career, he held three other calls, W6QDX, W4QDX and KL7BCP.

A few years ago, Harry wrote a few words about his early introduction to radio -- "I became interested in radio when I was a young boy. In 1925 we did not even have a single broadcast radio set around , and when I found some information in a magazine on how to build a regenerative receiver, I talked my father into supplying money for parts. project turned out real well, and for a while our home was the focal point for many neighbors who came to listen in to radio station WHO, the Bankers Life Station at Des Moines .. and, a couple of see company radio stations ... Back there was where Lawrence Welk got his start with a little band ... playing on the radio stations and one-night dance stands around the state."

Harry became a member of QCWA in September, 1973, and was already an active member, ready to help when called upon... this could be for QCWA or for the other nets he was active in. Not too long ago he was given the highest Award of the Northwest Chapter of QCWA - The Meritorious Award - This he richly deserved, although he thought otherwise.



Harry is missed by all of his friends. May he rest in the knowledge that we all loved him greatly.

A BRIEF VACATION TO CAPE COD

Dave Russell, N8DR, had the change to visit the site of the transmission of wireless signals across the Atlantic. by Marconi, on January 19, 1903. site was South Wellfleet, MA. site is marked by a National Historic site Platform on the shore of the Atlantic Ocean, with a message in code, which, when deciphered, says:

"His Majesty, Edward VII, London, England.

In taking advantage of the wonderful triumph of scientific research and ingenuity which has been achieved in perfecting a system of wireless telegraphy, I extend in behalf of the American people, most cordial greetings and good wishes to you and to all the people of the British Empire.

> Theodore Roosevelt Wellfleet, Mass. January 19, 1903"



Dave, standing by, in the picture above, commented: "It may have been the scene of spark-gap activity, but it sure is not the place to find much 2-meter activity at present - just plenty of saltwater and sand, and, memories. - Ed -

CENTRAL CALIFORNIA COAST 75

Central California Coast Chapter #75, held its spring meeting June 6, 1981, at the Great American Fish Company, in Morro Bay, with 41 members, XYL's and guests forming the usual convivial convocation.

The group included members from San Luis Obispo, Los Osos, Baywood Park, Cambria, Paso Robles, Atascadero, Pismo Beach, Santa Maria, Hemet, Gardena, Lakewood and Scotts Valley.

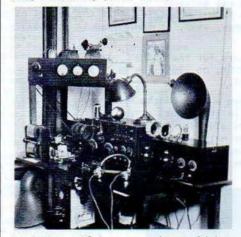
An informative talk by Bob Couger -W6KPS, gave an overview of the twometer repeater situation on the Central Coast, its capabilities and plans for expansion.

Our thanks to Ralph Agee, W6ZEK, for a well organized luncheon.

-Hank, W6TZW-

Frank Lester, W4AMJ, sent a fine pix-below, of his rig, about 1925. Frank was lucky that Nat, W2AIM, had kept a copy of the pix, and we're lucky too ...

The entire station was homebrew, with the xmtr a xtal control 210, driving a 203a amplifier -- it was the 2nd xtal rig in the 2nd district...Stan McMinn, 2WC. had the first one. Amrad S tubes in the pwr supply. These were later replaced by four 281's which were used in the old RCA 204 loudspeaker system. At this time I was working at MESCO. at 17 Park Place...all QCWA Charter members used to drop in to chew the fat...they were all boys at that time too, including yours truly.



It is beautiful to see those old honey comb coils, home-made, atop the rcvr. The msq file and all the rest that were a part of a fine ham rig nearly 60 years ago.

DON'T FORGET THE QCWA SILENT KEY MEMORIAL FUND. A LITTLE BIT'L HELP A LOT!

Sandy Fogle, WB5LNV, was reminiscing a bit recently, about WW-II, and about his service in the Navy's Blimp Shore Patrol. As he recalled, there were installations from South Weymouth, MA. southerly to Lakehurst, NJ, Elizabeth City, MC, Brunswick, GA; Richmond, FL; Key West and at Houma, LA; Hitchcock, TX; and -- on the West Coast were: Santa Ana and Moffett Field, CA; at Tillamook, OR. There may have been others. Sandy remarked on the fact that the patrol blimps carried a sizeable pigeon cot, and message ser-vice was via pigeon, to avoid breaking radio silence. This worked well until the pigeons got schmart...they'd fly up on the blimps rudder and ride home!

FOND WISHES

Each day at down we rise and yawn and then, start in to blunder Will our endeavors bring success That's what one starts to wonder.

Sometimes one's feelin' very low confused, don't know which way to go At other times one's filled with mirth and, grateful for a timely birth.

Well, that's the way it goes, it seems our mortal mind is full of dreams I'm holding one fond thought for you hope the fondest of your dreams comes true

So, while living out our time on earth it's time we merely borrow Have a very lovely day today and a better one tomorrow.

-Jim, WB9SAP -

Lin Lessig, MASV, provided the poem above from J. H. McDuff, WB9SAP.

Do you remember back when you'd see the saturday afternoon movies at about 10¢....well, I sure do, and remember "Our Gang" which used to be so much fun...Jerry Schatz, who was one of the gang back in 1935 See the pix below. Jerry's address is: is now W2MFW 788 St. Anns Ave, Copiague, NY 11726.



BARNEY'S ANTIQUE EXGANGE

Managed by Barney Moffatt W5CJZ 5714 Trail Meadow Drive, Dallas, TX 75230

Quite a few QCWA Members are interested in the old-time stuff, and have suggested that we have a vehicle to permit QCWA members to swap parts, information, and to search for a special bit or part needed to restore, rebuild or go from scratch on old equipment....This is our answer.

Barney has volunteered to keep records, and to coordinate the whole schmeer. If you need six fahnestack clips, or a rheostate, or what have you, send your requirement to Barney. He'll see that it's published herein, and help in every possible way to see you get those needed items.. A few rules are necessary, more may be needed later:

There is no cost to QCWA members, neither QCWA, its Officers, Board of Directors, manager or its agents assume responsibility for loss or misrepresentation to anyone.

The following books to be sold to best offer:

US Dpt of Comm, List of Commercial & Government Radio Stations as of June 30, 1921.

Elemetary Principles of Radio Telegraphy & Telephony, Signal Corps, US Army, June 13, 1918.

Radio Instrument & Measurements, hard cover, Circular #74, Bureau of Standards, March 23, 1918.

Radio Receiving Tubes, hard cover, by Moyer & Wostrel, 1st edition, 1929.

The Story of Radio, hard cover, by Orrin E. Dunlap, 1930.

WRITE To: J. R. Gitz, WB2VHC 120 Baltusrol Way Springfield, NJ 07081

FOLLOWING ITEMS FOR SALE:

- 8 6" Pyrex antenna feed-thru bowls.
- 1 RCA Type UX-210
- 2 RCA 833-A, sockets & caps
- 4 RCA 8005
- 1 Fall, 1950 callbook

Write to: Lou Williams, W9GSB 367 High Road Cary, IL 60013

LOOKING FOR:

Schematics for WW-II Aircraft Xmtr/Rcvr Type CW-52063A, built by Western Electric. Also Receiver, Type RU-16 CW-46051A, Western Electric

Also need to know what output xfrmr is used in S-40A Hallicrafter rcvr.

Write to: Glynn P. McCready, W7WAT
PO Box 1013
Coos Bay, OR 97420

Wanted: Pilot Super Wasp receiver used one in 1929 when first got call WANU.

Write: D. C. Geegan, W4APY Rt. 6, Box 789 Franklin, NC 28734 WANTED: HS-33 head set (phones). Should be working & reasonably clean; rubber cushions not needed. Not a collect; I need a pair of 'phones and I liked the HS-33! Buy or swap-what do you want?

Write: Julian N. Jablin, W9IWI 9124 North Crawford Avenue Skokie, IL 60076

VINTAGE RADIO has a batch of good books for old-timers. If you are interested in good pix, info and circuit diagram service, write to, or

Vintage RAdio PO Box 1331 North Highlands, CA 95660 916 332 8262

FOR SALE: 1 - turntable, made by RCA for Victor Talking Machine Company, Type #4, 60 cycle, 105-120 Volts. In poor condition, heavy iron. Make an

offier to: Walt Walker, Jr., W4NRO
2915 N. Nottingham Str.
Arlington, VA 22207
703 534 9111

FOR SALE: Western Electric Sounder, Model 3C, 140 ohms, in perfect cndx. Priced at \$30, postpaid.

Write: Robert L. Bookwalter, W4NWF 728 Valencia Road Venice, FL 33595

NEED OLD NATIONAL RECEIVERS:

Write or Call:
Ray, W5IWE
6001 Wedgmont Circle
Fort Worth, TX 76133
817 292 1451

FOR SALE: Webster-Chicago, Model 180-1 wire-recorder, in pretty good condx. Also some Sears Wire spools. Make offer to:

Rev. Bert Mead, S.J.
Route 1, Box 500
Corpus Christi, TX 784]5

WANTED: Tuska Superdyne Junior Rcvr

FOR SALE: Headset, HS-16A, made by Consolidated Radio Products Co...new in original boxes, 12 sets available at \$10 each, plus shipping costs.

Write to: James H. Barrows, W7BCT 15121 41st AVe, SE Bothell, WA 98011 206 337 4880

FOR SALE: Breting "12" receiver, 10 through 200 meters. Also, have Korting Radiowerke Model KST receiver with separate power supply & speaker, 220 VAC. This is a German copy of the HRO, with manual. Ted Clifton, W9TC

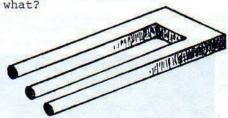
Ted Clifton, W9TC

]0247 Coldwater Road
Fort_Wayne, IN_46825

WANTED: Two type 99, or type 30 tubes, with sockets, to restore my first rcvr.

Ray L. Jones, W5VOX]23 Moonlight Drive Plano, TX 75074

Donald DeNeuf, WAISPM, wrote a short note requesting help....
The picture below represents a what?



Don suggests it might be a tripolar relay magnet; a sawed off tribander; first attempt at a triode; a tricotic generator; a Tridentum or perhaps a blunted trident? Let him know what you think!

The Editor is fairly certain that it is a TTTF...a triple-tongue_tuning_fork!

QCWA SUPPLIES The following supplies may be purchased by QCWA Members: QCWA Lapel Pin, Gold plated, with call engraved. (Clutch pin, pin clasp, or screw button types) \$5.00* \$6.00* QCWA Lapel Pin, 50 Year, clutch type only QCWA Lapel Pin, 55 Year, clutch type only \$6.00* QCWA Lapel Pin, 60 Year, clutch type only \$6.00* QCWA Lapel Pin, 65 Year, clutch type only \$6.00* \$6.00* QCWA Lapel Pin, 70 Year, clutch type only Blazer Emblem, 3 x 4 inch, embroidered \$3.50* 450 Red QCWA Stamps, regular membership \$2.75* \$3.75* 450 Gold QCWA stamps, Life membership 240 Yellow, 50 Years in Amateur Radio stamps \$2.00* QCWA Logo on rubber stamp \$3.50* QCWA Automobile decal \$0.50* *Prices for domestic members...International QCWA members to add \$0.50 for added postage costs. QCWA BANNERS, 30 x 48 inch, Storm King Cotton, (\$100.00) cost shared equally with QCWA Chapters) Chapters with 50 or more members may receive a banner at no cost, upon application \$100.00 ORDER BLANK QCWA Headquarters 1409 Cooper Drive Irving, TX 75061 Please send the following QCWA supplies: Send to: Name Call QCWA No. Address City State

Note that supplies cannot be issued to ineligible members....50-Year pins can only be issued to members who have been awarded the Golden Certificate, etc.

NORTHERN CALIFORNIA CHAPTER No. 11

Pictured below are the Directors of NORCAL Chapter, No. 11. Shown are: W6AUC (back to camera), then to his right is: K6TP, W6CIT, K6DZU, WB6IZE, K6BU and WB6DWX.



THAT GEORGE REALLY GOT FROM LIGHT-AND YOU KNEW 1 JUIC N DON'T KNOW IF YOU W2JBL, QCWA NCS FO A GOOD CHARGE OF J

QCWADS

QCWADS ARE SPECIAL, LOW COST ADS ACCEPTED FOR PUBLICATION IN QCWA NEWS SUBJECT TO THE FOLLOWING RULES.

No special layouts, all copy is re-typed by Headquarters. Time permitting, proof copies will be mailed before publication. One column inch refers to original copy, which will reduce to three quarters of an inch in the NEWS.

Column Inches	1 Time	3 Times
1	\$3.00	\$7.50
2	\$5.00	\$12.50
3	\$7.00	\$17.50

DX-Awards Guide is growing! Volume 5 nearly ready! Provides single-source for information on international DX awards; provides blanks to use in applying. So far ,+160 awards included. More come each day! SASE for list of those available now! Write: DX Awards Guide

POB 1136A Welch Station Ames, IA 50010

FOR SALE, COLLECTORS ITEMS: Harvey Wells R9A rcvr; Breting 12 Rcvr National NC-156 rcvr, Meisner Signal Shifter, Model EX; Preselector -- Bureau of Ships, probably Howard. Gonset Super 6 Converter, 80-10, feeds auto radio... From estate of W5LRT, condition unknown make Offer. C. R. Putnam, N5CP

2700 North 7th McAllen, TX 78501 512 682 4420

Top Quality Coated, White Card Stock. QSL CARDS Custom designs -- you have an unlimited choice. QCWA logo available. Send #10, 28¢ SASE for samples, type, style sheets, cut sheet and price list. Write to: Marv Mahre, WMMGI, 2095 Prosperity Avenue, St. Paul MN 55109

CUSTOMIZED QSLs by W6BA \$17.50 for 1000 No standard forms. We try to print whatever you want. Black ink on color

110 pound stock. Write for samples of cards that we have printed:

> Bill Adams, W6BA Star Route 2, Box 241 29 Palms, CA 92277

YOUR PORTRAIT on a QSL CARD. Pen & ink from your photo. Send SASE to:

> Deane Design Route 3, Box 387, King NC 27021

=Prices are reasonable= 3

QCWA MEMBERSHIP

Applicants for QCWA membership must have held an amateur license at least 25 years ago, and must at the time of applying, hold a valid amateur license. It is not necessary to have been licensed the entire 25 years. Proof of eligibility must be given. Headquarters has a library of callbooks from the old times that can be used in many cases. A request for information will bring a prompt return letter! An entry fee of \$3 is charged for initial membership, this plus dues in the amount of \$9 for one year, or \$15 for two years or, \$19 for 3 years membership, is payable in advance with ones application. Life membership may be obtained for \$75, plus the \$3 entry fee. payment of life membership fees is available; three payments to be completed in one year, of \$25 each. Upon completion of payment Life Membership Certificate and membership card is sent.

CERTIFICATES

MEMBERSHIP CERTIFICATES, numbered in serial order, are issued to each member. The numbers are never reissued, except to the same one to whom they were first issued, and then only in the event of lapsed membership. Blue certificates and membership cards going to regular members with Gold Certificates and membership cards being issued to Life Members. In the event a certificate is to be replaced, a charge of \$1.00 is made.

GOLDEN ANNIVERSARY certificates are issued upon application, and proof of eligibility. Those having 50 or more years in Amateur Radio are qualified. Endorsement stickers for each 2-year interval over the basic fifty years are available from Chapter Secretaries.

QCWA CENTURY CLUB CERTIFICATE, is a new Award voted by the Board of Directors in February, 1978. Eligibility is based upon a members age plus his years in QCWA (in good standing) being equal to 100 or more. Proof of eligibility must be established by the applicant. Age by copy of drivers license, etc...Headquarters attests to your eligibility and will issue the Certificate.

50 YEARS CONTINUOUSLY LICENSED CERTIFICATE is issued to QCWA members whose calls appear in callbooks since 1929. There is a charge of \$2 for the Certificate. It must be applied for with proof of eligibility supplied at the time of application.

55th ANNIVERSARY GOLDEN CERTIFICATE is issued to those QCWA members who have completed 55 years as a licensed Amateur.. Proof of such licensing is required.

60th ANNIVERSARY GOLDEN CERTIFICATE is issued to those QCWA members who have completed 60 years as a licensed amateur..

65th ANNIVERSARY GOLDEN CERTIFICATE IS issued to; those QCWA members who have completed 65 years as a licensed amateur..

70th ANNIVERSARY GOLDEN CERTIFICATE is issued to those QCWA members who have completed 70 years as a licensed amateur..

All of the above Certificates are issued by Headquarters... Application blanks are available and must be used when you apply for the Award. The 50-YEAR GOLDEN CERTIFICATE COMES WITHOUT COST. ALL OTHERS HAVE A CHARGE OF \$2.00. Remember that your application must be accompanied by proof of your licensing (details on application form) If you are uncertain, write headquarters before making application!

OPERATING AWARD CERTIFICATES

QCWA OPERATING AWARD CERTIFICATES ARE ISSUED TO QCWA MEMBERS BY THE OPERATING ACTIVITIES MANAGER, WES RANDLES, W4COW, PROOF OF ELIGIBILITY IS REQUIRED.

QCWA WORKED 50 STATES CERTIFICATES are issued to QCWA members who have contacted members in each of the states. Applications must be accompanied by proof.

QCWA WORKED 100 MEMBER CERTIFICATES are issued to QCWA members upon proof of eligibility.

QCWA WORKED 60 CHAPTER CERTIFICATES are issued by the Activities Manager upon proof of eligibility.

QCWA WORKED 500 MEMBER CERTIFICATES are issued by the Operating Activities Manager upon proof of eligibility.

QCWA ANNUAL QSO PARTY. A Plaque is issued on behalf of QCWA to the high scorer in the PARTY. The plaque is inscribed with the winners name and year of competition.

ALL CERTIFICATES ARE NUMBERED SERIALLY, WITH A PERMANENT RECORD KEPT OF THOSE ISSUED.

EXPLANATIONS

Every possible means is used to validate claims of members for the Awards. It is always desirable for a member to contact headquarters offering evidence to support his claim before making formal application... This will allow us to help, and to avoid disappointment in the event that eligibility is not established

WIND POWER FOR CLAYTON, NEW MEXICO

Wind Turbine Specifications:

Rotor	Transmission	Control System
Number of blades 2 Diameter, feet 125 Speed, RPM 40 Direction of Rotation CCW	Type - Three stage conventional Ratio 45:1 Rating, HP 460 Generator	Supervisory Microprocessor Pitch actuator Hydraulic Performance Rated Power, kW 200
Blade	Type Synchronous AC	Rated Power, kW 200 Wind speed at 30 ft, MPH
Length, ft 59.9	Rating, KVA 250	Cut-in 6.9
Material Aluminum	Power Factor 0.8	Rated 18.3
Weight/blade, 1bs - 2300	Voltage 480 (three phase)	Cut-out 34.2
Tower Type Pipe truss	Speed, RPM 1800 Frequency, Hz 60	Maximum design 125. Weight (kLB)
Height, ft 93	Orientation Drive	Rotor, including blades 12.2
Hub height, ft 100	Type Ring gear	Above tower 44.9
	Yaw rate, RPM 1/6	Tower 44.0
		Total 88.9

The System life, all components is 30 years.

Information on the Clayton, NM wind turbine provided by DOE/NASA, through the courtesy of the Clayton, New Mexico Office of the Mayor.



Jounded 1947

QUARTER CENTURY WIRELESS ASSOCIATION, INC.

1409 COOPER DRIVE IRVING, TEXAS 75061 PHONE: (214) 438-8038

This application form is for members having addresses with U.S. Zip-code listing or who live in Canada or Mexico. Those living in other areas should use the INTERNATIONAL MEMBERSHIP form.

Membership Number

Date Admitted

QCWA MEMBERSHIP
APPLICATION

FORM #10-F FEBRUARY 13, 1981

I,	WAS THE THE		
I, (Print name as you wish to be listed, no	title) Pre	esent Call, one only ple	ease
having been a licensed radio amateur 25 or listed above at this time (documentary proof : the entire 25 years) do hereby apply for QCWA	is required it	is not necessary to have be	en licens
Street Number & Name	City	State/Province	Zip
I will keep QCWA headquarters advised of c	hanges in addre	ess and/or call sign.	
Date of First Amateur License	, Firs	st Amateur callsign	
Additional calls held			
I expect to be a member of the		Chapter of	QCWA
	Signed		
Proposed by		Member No	SINGS:
SCHEDULE OF MEMBERSHIP FEES			
	in accordance	paid on annual, bi-annuwith the following sche	
Initial Membership Fee, One Year Per	iod	\$12.00	
Initial Membership Fee, Two Year Per	iod	\$18.00	
Initial Membership Fee, Three Year P	eriod	\$22.00	
or, New Life Membership Fee		\$78.00	III.W
(Life membership may be paid in thre of \$26 each, which must be complete	e equal install d within 12 mor	lments nths.) TOTAL	ENTERNACIONE DE LOS DES DE LOS DES
No applicati renewals. Renewal fees are \$9, \$15 or \$19	on form is requ , for 1, 2 or 3	ired for regular member 3 years renewals, respec	s dues tively.
Regular QCWA engraved membership pin	(order below)	\$5.00	
PLEASE FURNISH THE FOLLOWING INFORMATION			
Date of Birth ,	Birthplace		
Class of Amateur License an	nd, expiration of	date	alisa
Present occupation/Business	101±xe≥si		
If Retired, what was major life work			
Hobbies			
Other Organizations with which you are aff	iliated		The state of the s
GOLD-PLATED LAF	EL PIN ORDER		
Please send QCWA pins as indicated: ()cl)screw button; ()clas	sp pin
The following call letters to be engraved	(PLEASE PRINT)	at \$5.00	each.
Mail to	, Call		A STATE OF THE STA
AddressStreet, Number and Name	City	State/Province	Zip